

APPENDIX C: Natural Community Data Forms

survey area: Housatonic River, East Branch	TO70, North	Date: 10 November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Vickie Schonkerd (Biophysical Region:)	USGS 7.5 Quad: PiHs field East 1:25,000 7.5 x 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):

VEGETATION / HABITAT

Observation Point 1 T070	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Community type:	Community type:
Soit [Forest]	Sailt	Soil:
Siope, aspect, topography	Slope, aspect, topography:	Sicpe, aspect, topography:
STRATA*: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer: Total cover (%): 50 Aren neg vivido	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapting / tall snrub layer: Total cover (%) 50 Vitis riporia Acer negundo Celastrus orbiculatus	Sapting / tail shrub layer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) <u>50</u> ROSA MULTIFLOIA LOWICERA MONOMIC Physocorpus opulifolius	Shrub (1-2 m) layer. Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) GO. Poa nemoralis Argerativa altissina Phaloris crundingrea	Herb layer. Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%) Esseutially about	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: degracled community, numerous exotic plant species, remnant size	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? So X 15 Feet tree cores? Yes photos? Yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

date: 11/10 initiats: AH p. / of 4

IATURAL'COMMUNITY SURVEY PART II: DESCRIPTION > complete separate description forms for each notable natural community on reconnaissance page. DENTIFIERS / LOCATION Housefonic River, East Branch Area (specific/general): Obs. Pt. # TOTO North Floodplain / Early Successional forest Adjacent communities: Community type: Pitts Field Quad (Lat.:) BE SURE TO MAP EXTENT OF COMMUNITY ON Size (acres) of East (1:25,000) community EO TOPO. Distinguish between portions ground-truthed (not site): vs. portions presumed to be part of community based (Quadcode:) (Long:) solely on photo/map interpretation, where applicable. LASSIFICATION HIERARCHY Physiognomy (Class) Phenology (Subclass) Leaf type (Group) forest evergreen woody Groad-leaf woody woodland deciduous woody needle-leaf woody shrubland mixed woody graminoid dwarf shrubland perennial forta hercaceous annuai pteridophyte sparse vascular/nonvascular non-vascular (ALLIANCE:) ADDITIONAL DATA FOR FORESTS Tree canopy Core data: Deadwood (describe distribution, abundance, degree of ring counts (~ 5 cores) of larger height Some deadwood, mostly consisting of large branches from canopy trees trees (give sp. & dbh) 35 fæt 10 Acer negundo 10 incu don, +1-25 yop supercancov trees? @ Acer negundo Tinch, uncountable HISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.) Cutting Acriculture: Impoundment Some limbs on NO ground. NC NO NO Several drain pipes that have eroded ditches List additional plant species in community not included in the plot data that follows. Species list sketchy or basically complete?

ADDITIONAL SPECIES LIST

Comment Alliania Adiolata Somewhat complete Populus delloides Oenethera bichnis Lythin Salicona RUMEX CITSPUS Elymus riporias

Arez: Housetonic Riv	er, East Branch			Obs. pt. #:	T070
	n / Early Succession	omal forest 1	Regional alliance/community:)		
LAYER	plot #	,		•	
TREE ist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units:	<u>Acer negundo</u> 9,10,6	₩ (*);			•.
QUAD SIZE note which size used 5.64 m radius for 1/100th ha 50 × 15 FZE 7.98 m radius for 2/100th ha use same size throughout		_			
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall	Vitis riparia 37 Acer negundo 9 Celastrus orbiculatus :19				- · -7
QUAD SIZE: 2.8 m radius or 25 m²					
SHRUB cover class by species of shrubs/trees 1 - 2 m tall. QUAD SIZE: 2.8 m radius or 25 m²	Spirgea 9164 1 Rosa Multifloro 37 Samboucus Canadensis 1 Lonicera Monomic 3 Acer negundo 3 Berberis thunbergii 3	Acer Saccherum Ulmus americana Physocalpus opulifol	1. 1 16.05 17.		
HERB cover class' by species for all herbaceous plants <u>pius</u> any woodies < 1 m tall QUAD SIZE: 1 m², 2-4 herb quads per tree piot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads	Ludwigia palustris Symphyothichum Solidago gigautea Phalaris rivudiurea Bronus latiglumis L Solahum dukanera Ageralina altissima Broa nemoralis	Epilobium ciliatum esp. grandulosum			
when figuring averages! BRYOID ground-layer mosses, liverwort, lichens in herb quads. resolution (check one): "moss"/liverwort//lichen" only; identified to major group; identified to species.	Vaccinium ougustilain 1				
REMARKS					

in ocx on previous pade, list plant spo. present in the community out not in the sample plots so we have a complete species list.

*cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

initials: $a = \frac{3}{4}$ of $\frac{4}{3}$

	ouic River, Eas			Cbs	.pt #: 1070N
Community type: F)	oodplain/Early	successional fo	orest (Regio	nal alliance/community:)	
Elevation: 300 meters	Aspect: [96] (magnetic) or true?	Slope: 0-90+°	on Slope to tue bank = 21°	Microtopography: Sloped sherf with s to a silt sherf in	teepstivercut bould
pH (note kit or meter type)	Topographic P low plain, level T toe of slope (LS lower slope) MS middle slope	position: TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (describe z present): Along Fivershore rela	
Mineral Soil Profile:			Surficial deposit	Surface:	Average Texture:
horizon desth (cm)	color mottling	other	bedrock	% Bedrock	gravel
0 .		•	taius slope	% Boulders (>50 cm)	sand
A			giacial till	% Cabbles/Gravel	loamy sand / sandy loam
Ε			moraine	20 % Bare mineral soil	lcam
В			esker/cutwash	% Organic soil	siit loam
			giacial delta	80 % Litter (note type) Broad (caf	ciay loams
C			lacustrine/fluvial	% Water	sandy day / day
Orcanic Soil Profile:			marine ,	% Total vegetation	peat
peat depth:	cm OR > 1 m		aeclian	Other:	muck
venPest decempesition:			other:	<u> </u>	<u> </u>
ALL SOILS:			Bedrock type: Igneous	Sedimentary	Soil stoniness:
DEPTH TO WATER TAI	3L 2 :		granite dicritic	limestone other sedimentary	v. little (< 1%)
DEFTH & OBSTRUCTION		!	gabbroic other igneous	•	moderate (2-25%)
	F/C at	(desth)	Metamorphic	details?	very (25-100%)
		(20,21,)	state/phyllite schist/gneiss		
			other metamorphic		
			Drainage & moisture	regime (see MAPPSS key):	Hyaralogic regime:
			very poorty drained	1	upland
		:	poorty drained		nontidal wettand: permanently flooded
		•	somewhat poorly o	trained	semiperm'ly flooded seasonally flooded
			moderately well dr	ained upland portion	Saturated
			well drained		tidal - irregulariy tidal - requiariy
			somewhat excessi	vely drained	saltwater brackish
			excessively draine	d	freshwater
					unknown

survey area: Housetonic River, East Branch	TOBO North	Date: 12 November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Cickie Schonword (Biophysical Region:)	usgs 7.5 Quad: Pitts field East 1:25,000 7.5 x 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):

VEGETATION / HABITAT

Observation Point 1 TO80, N	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	.,	Community type:
Soit Tows E	Continunity type: Sail:	Soil:
Siepe, aspect, topography 12°, 165° Asg., gently slepped shelf	Siope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer: Total cover (%): 65 Acer negundo Ulmus americana Populus deltoides	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall strub layer: Total cover (%) 20 vitis riparia. Accr platanoides	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) 25 Lonicera morrowii Rosa multiflora	Shrub (1-2 m) layer. Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) 40. Poa nemeralis Argeratina altissima	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%) O	Bryoid layer. Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species: Applies deltaides	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Exctic species; fencing; EDMOULTY adjacent to farking lot	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? 50 x 3 3 feet tree cares? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

date: 11/12 initiats: 1/5 2. 1 of 4

IATURAL COMMUNITY SURVEY PART II: DESCRIPTION

Somplete separate description forms for each notable natural community on reconnaissance page.

DENTIFIERS /	LOCATION
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Community type:	
community type: Floodplain / Early Successional folest	Adjacent communities:
Quad P, Hs. East (Lat.:) Size (acres) of community EO	BE SURE TO MAP EXTENT OF COMMUNITY ON TOPO. Distinguish between portions ground-truthed
(Quadcode:) (Long:) (not site):	vs. portions presumed to be part of community based solely on photo/map interpretation, where applicable.

Physiognomy (Class) forest woodland shrubland dwarf shrubland herbaccous sparse vascular/nonvascular	Phenology (Subclass) evergreen woody deciduous woody mixed woody perennial annual	Leaf type (Group) broad-leaf woody needle-leaf woody graminoid forb ptendophyte non-vascular
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ADDITIONAL DATA FOR FORESTS

Tree canopy height EO feet	Core data: ring counts (~ 5 cores) of larger trees (give sp. & dbh) O Populus del. 32" dbh	Deadwood (describe distribution, abundance, degree of decay): Some deadwood in plot 6-8" dbh.	;
supercancpy	4/- 38 ybp @ Acer neg. 18 dbh 47ybp		

IISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.)

Fire:	Wind:	Cutting:	Agriculture:	Impoundment
No	No	No	No	No
. . –				

: Upland edge of forest cut-off by residential development - chain fence bordering forest/residential area

Populus deltoides Geum canadense Fallopia japonica Berberis thun, Equisetum arvense Viburnum opulus var. americanum Rhamnus cat.	relatively complete for fall survey.
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Arez: Housetonic Riv	ver, East Brauch			Obs. pt. #:	TOSO North
Community type: Floodpla	in / Early Successi	oual forest	(Regional alliance/community:)		
LAYER 50 × 33'	plot # T 080 N				
TREE Est species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units:	Ace negundo 9" Stan. dead 11" Ace neg. 5" 5" 16" 13"	dbh dbh dbh dbh		***************************************	
note which size used 5.64 m radius for 1/100th ha 7.98 m radius for 2/100th ha use same size throughout	Ace. Saucharum 5" WIMUS ame. 5,9,5	1 1	:		
SAPLING / TALL SHRUB cover class by species of trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall QUAD SIZE:	Prunus Virginiana	(9) (3) (3) (1) (3)			- · •
shrubs/trees 1 - 2 m tall.	Lonicer morrowii Rosa multiflora Euonymus europaea A rgeratina ullissima	(19) (3) (1)			
cover class by species for all heroaceous plants <u>plus</u> any woodles < 1 m tall		(9) (9)			
BRYOID ground-layer mosses, liverwort, licenes in herb quads. resolution (check one):'moss'/'liverwort'/'lichen'' only;identified to major group;identified to genus;identified to species.	Essentially alosent ou ground				
REMARKS	Large Ropulus delloides Cup to 43 : we would DBH) Present outside of Plot				-

in box on previous page, list plant spb. present in the community but not in the sample plots so we have a complete species list.

^{*} cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

TOPOGRAPHY / SOILS

ARE Housate	mic River, East	Branch		Оъ	s. pt. #: T080 N
Community type: Floodplain/Early successional forest (Regional alliance/community:)					
Elevation: 300 Medels	Aspec	Slope: 12°		Microtopography: Habitat Uniform along	
pH (note kit or meter type)	P low plain, level 1 T toe of slope LS lower slope	position: ITB hillside terrace/bench US upper slope E cliff/ledge		Habitat patchiness (describe present): Relatively level s abruptly into river	helf dropping
Mineral Soil Profile:			Surficial deposit	Surface:	Average Texture:
horizon depth (cm) calor mottling	other	bedrock	% Bedrock	gravel
0		•	taius sicpe	% Boulders (>50 cm)	sand
	· · · · · · · · · · · · · · · · · · ·		giacial till	% Cabbles/Gravel	loamy sand / sandy
E			moraine	5 % Bare mineral soil	icam
			esker/cutwash	% Organic soil	silt !cam
8			giacial delta	55 % Litter (note type) Broad leaf Water	ciay loams
<u>C</u>			lacustrine/fluvial	40 % Total vegetation	sancy day / day
Organic Soil Profile:			marine	Other:	peat
pest depth:	_cm OR > 1 m		other:		muck
VenPest decomposition: ALL SOILS: DEPTH TO WATER TA	ABLE:		Bedrock type: Igneous granite dioritic gabbroic other igneous	Sedimentary limestone other sedimentary	Soil stoniness: v. little (< 1%) moderate (2-25%) very (25-100%)
	ng F/C at	(depth)	Metamorphic slate/phyllite schist/gneiss other metamorphic	details?	Valy (25 13374)
			Drainage & moisture	regime (see MAPPSS key):	Hydralogic regime:
			very poorty drained	1	upland
			poorly drained		nontidal wettand: permanently flooded
			somewhat poorly o	trained	semiperm'ly flooded
			moderately well dr	ained	saturated
			well drained		tidal - irregularly tidal - regularly
	· ·		somewhat excessi	ively drained	saltwater brackish
			excessively draine	d	freshwater
					unknown

NATURAL COMMUNITY SURVEY PART I: RECONNAISSANCE DENTIFIERS / LOCATION

Maine Natural Areas Program

survey area: Housatonic River, East Branch	TD88, North	Date: November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie County Berkshire (Biophysical Region)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	r Maine Atlas);

VEGETATION / HABITAT

Observation Point 1 TO88	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Community type:	Community type:
Soit Alluvial [Foiest]	Sait	Soit:
Siope, aspect topography 14° 120°M, river terrace	Slope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant sop, for each	STRATA*: cover & 1-2 dominant soo, for each
Tree layer: Total cover (%): 10 Populus deltoides Acer negundo	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer. Total cover (%) <u>20</u> Rhamnus cat. Vitis rip. Celastrus orb.	Sapting / tail shrub layer. Total cover (%)	Sapling / tall shrub layer. Total cover (%)
Shrub (1-2 m) layer: Total cover (%) 30 Rhamnus cat. Berberis thun.	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) 50 Rubus idaeus Poa nemoralis Elymus riparius	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%)Absent	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Exotic Species	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? Yes 50 × 29 / tree cares? Yes photos? Yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

date: 11/11 initials: VS a. 1 of 4

DENTIFIERS / LOCA	πο	N
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Area (specific/general):	Housalonic River	, East Branch		Obs. PL # T088, N
Community type: Flag	dplain / Early Si	occessional folest	Adjacent communities	:
Quad Pitts. East	(Lat.:)	Size (acres) of community EO		AP EXTENT OF COMMUNITY ON sh between portions ground-truthed
(Quadcode:)	(Long:)	(not site):	vs. portions presumed to be part of community solely on photo/map interpretation, where applic	
LASSIFICATION HIEF	EARCHY			
Physiognomy (Class) (torest) woodland shrubland dwarf shrubland herbaccous sparse vascular/nonvascul		nenology (Subclass) evergreen woody eciduous woody nixed woody oerennial annual	1	Leaf type (Group) broad-leaf woody needle-leaf woody graminoid forb pteridophyte non-vascular

ADDITIONAL DATA FOR FORESTS

(ALLIANCE:)

Tree canopy height: GD '	Core data: ring counts (- 5 cores) of larger trees (give sp. & dbh) 1. Acer negundo 14 DBH", SI ybp	Deadwood (describe distribution, abundance, degree of decay): Some deadwood, mostly hier negundo. Most downed wood are smaller tree branches.
rees?	2. Populus deltoides 36 DBH " +1-71 ybp	

HISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.)

Fire: NO	Wind: Yes - blowdowns	Cutting: None	Agriculture: No	Impoundment No
1				
.				
comment				

List additional plant species in community Chelidonium majus Pon nemoralis Malus sylvestris Geum canadense Hesperis matronalis	not included in the plot data that follows. Rosa multiflora Clematis virginiqua Partheniacissus quiuque folius fallopia sachalinensis	Species list sketchy or basically complete? Comment Complete for time of year
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ARE: HOUSETONIC RIL	ver, East Branch			Obs. pt. #. T088
Community type: Floodpla	in / Early Succession	ough forest	(Regional alliance/community:)	
LAYER .	plat #			
TREE list species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species, note units:	Populus deltoides 18, 36 Ulmus americana			
OUAD SIZE: 50 X 29 note which size used 5.64 m radius for 1/100th ha 7.98 m radius for 2/100th ha	5,9 Acer negundo 5,16		; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	
_	Acer platanoides (3) Acer negundo (3) Rhamnus cat. (3) Vitis riparia (9) Celastrus orb. (19)			- 7
SHRUB cover class by species of shrubs/trees 1 - 2 m tail. QUAD SIZE: 2.8 m radius or 25 m²	Berberis thun. (9) Rhamnus cat. (3) Euonymous alatus(3)			
HERS cover class' by species for all hemaceous plants <u>plus</u> any woodies < 1 m tall QUAD SIZE:	Rubus idaeus (9) Solidago gizantea (3) Elymus riparius (3) Lysimachia ciliata (3)			
1 m², 2-4 herb quads per tree piot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!	Viburnum opulus (3) var. opulus Prunus pensylvanica (1)	·		
BRYOID ground-layer mosses, liverwort, lichens in herb quads. resolution (check one):moss*/liverwort/lichen* only;identified to major group;identified to genus;identified to species.		•		
REMARKS			t in the sample picts so we	

* cover classes (record midpoint): <2.1 / 2-5% 3 / 6-12% 9 / 13-24% 19 / 25-49% 37 / 50-74% 63 75-100% 87

TOPOGRAPHY / SOILS

AME Housatonic River, East Branch		Obs.	pt. #: T088, N		
community type: Floodplain/Early successional forest (Regional alliance/community:)					
Elevation: Aspect: 120° Slope: 300 meters magnetic or true? measured or estimated	n 14°	Microtopography: Relatively that drops abruptly in	level shelf to river.		
pH Topographic position: P low plain, level TB hillside T toe of slope terrace/bench (note kit or meter type) MS middle slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (describe zo present): Uniform para			
Mineral Soil Profile:	Surficial deposit	Surface:	Average Texture:		
harizon depth (cm) color mattling other	bedrock	% Bedrock	gravel		
A E B C Orcanic Soil Profile: peat depth: on OR > 1 m vonPost decomposition: ALL SOILS: DEPTH TO WATER TABLE: DEPTH to OBSTRUCTION: Soil temperature reading F/C at (depth)	taius slope glacial till moraine esker/outwash glacial delta lacustrine/fluvial marine aeolian other: Bedrock type: Igneous granite dioritic gabbroic other igneous Metamorphic state/phylifte	% Boulders (>50 cm) % Cobbles/Gravel 5 % Bare mineral soil % Organic soil 60 % Litter (note type) Broadleaf % Water 45 % Total vegetation Other: Sedimentary limestone other sedimentary details?	sand loamy sand / sandy loam loam silt loam day loams sandy day / day peat muck Soil stoniness: v. little (< 1%) moderate (2-25%) very (25-100%)		
	schist/gneiss other metamorphic	drained frained sively drained	Hydrologic regime: uptand nontidal wettand: permanently flooded semiperm'ly flooded seasonally flooded saturated tidal - irregularly tidal - regularly saltwater brackish freshwater unknown		

VATURAL COMMUNITY SURVEY PART I: RECONNAISSANCE DENTIFIERS / LOCATION

Maine Natural Areas Program

(Quadcode:) Airphoto (#, scale, da	ember 1998
John Lortie Bob Roy Schonword (Biophysical Region:) Mark all observation points on a copy of the topo. Add any comments or Directions (if not obvious from topo or Maine Atlas):	ie):

ZEGETATION / HABITAT		
Observation Point 1 T/10	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Community type:	Community type:
Soit: [Fores E]	Sait	Soit
Siope, aspect topography 20-90, 154° Mg., Steep steped bruk	Siope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer: Total cover (%): 70 Acer platanoides Acer negundo	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall snrub layer: Total cover (%) 30 Arer platamoides Uitis riporia Celastius orbinulatus	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) 30 Lowicela morrowiti Berberis thumbergiti	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer. Total cover (%)
Herb layer. Total cover (%) 10. Paa Nemolalis	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer. Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use:	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? tree cores? photos? Yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

date: 11/11 initials: AH 2. 1 of 4

solely on photo/map interpretation, where applicable. perennial dwarf shrubland heroaceous annual oteridochyte non-vascular sparse vascular/nonvascular (ALLIANCE:) ADDITIONAL DATA FOR FORESTS

Deadwood (describe distribution, abundance, degree of Tree canopy ring counts (~ 5 cores) of larger height Abundant small branches, trees (give sp. & dbh) MACET Saccharum few logs with advanced decay. 26 years bp, 6 inch dbh supercanopy trees? NO DAcer platanoides 29 ybp, & inchalbh

HISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.) Agriculture: Wind: Downed Cutting: NO No

Drainage culverts; Man-made shoring w/ cobbles thruout plot

ADDITIONAL SPECIES LIST

Species list sketchy or basically complete? List additional plant species in community not included in the plot data that follows. Comment : Celastrus orbiculatus Malus sylvestris Solidago altissima Solanum dulcamera Lolium arundinaceum

TIIO North

	ver, East Branch				Obs. pt. #:	T 110
Community type: Floodpile	in / Early Succession	ough forest	(Regional	i alliance/community:)	•	
LAYER 50 x 21'	plot # T/10					
note units:	Standing dead 10" dbh Acer sacchionen ("dbh Acer plat: 5"dbh Acer plat: 8" dbh Acer negundo 12"dbh					
5.54 m radius for 1/100th ha 7.98 m radius for 2/100th ha use same size throughout!	•					
SAPLING / TALL SHRUB cover class by species of trees > 2 m tail but < 5 cm dbh; and shrubs > 2 m tail	Acer plat. (3) Vitis riparia (19) Rosa multiflora (3) Acer negundo (3)					- · -
2.8 m radius or 25 m²	lust 4 (2)					
SHRUB cover class by species of shrubs/trees 1 - 2 m tall. QUAD SIZE: 2.3 m radius or 25 m²	Viburnum opulus (3) Var.opulus Berberis thun. (9) Lonicera morrowii (3) Berberis Vulgaris (3) Euronymous atropurpura	ea (3)		·		
	Poa nemeralis (9) Lonicera morrowii (1) Solidago gigantea (1) Symphyotrichum lateriflorum					
plot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!						
BRYOID ground-layer mosses, liverwort, lictiens in herb quads, resolution (check one);'moss*/"liverwort"/"lictien" only;identified to major group;identified to genus;		•				
identified to species. REMARKS						
n pox on previous page. list i						

* cover classes (record midpoint): <2 1 $\left| 2-5\% \right|$ 3 $\left| 6-12\% \right|$ 9 $\left| 13-24\% \right|$ 19 $\left| 25-49\% \right|$ 37 $\left| 50-74\% \right|$ 63 $\left| 75-100\% \right|$ 87 $\left| 25-49\% \right|$ 37 $\left| 25-49\% \right|$ 38 $\left| 25-49\% \right|$ 37 $\left| 25-49\% \right|$ 37 $\left| 25-49\% \right|$ 37 $\left| 25-49\% \right|$ 37 $\left| 25-49\% \right|$ 38 $\left| 25-49\% \right|$ 38 $\left| 25-49\% \right|$ 37 $\left| 25-49\% \right|$ 37 $\left| 25-49\% \right|$ 37 $\left| 25-49\% \right|$ 38 $\left| 25-49\% \right|$ 38 $\left| 25-49\% \right|$ 38 $\left| 25-49\% \right|$ 38 $\left| 25-49\% \right|$ 39 $\left| 25-4$

TOPOGRAPHY I SOILS Housatouic River, East Branch Obs. pt. # T110 North Floodplain/Early successional Forest (Regional alliance/community:) Community type: Microtopography: Varying angled slope Slope: 20 to 90° Aspect **Elevation**: 300 meleis magnetic or true? measured or estimated? Habitat patchiness (describe zones or patches if Topographic position: ρH present): Uniform along river P low plain, level TB hillside C crest T toe of slope terrace/bench M high plateau (S lower slope) (note kit or meter US upper slope N narrow valley MS middle slope E diff/ledge type) D drainage channel Surficial deposit Surface: Average Texture: Mineral Soil Profile: _% Bedrock gravel bedrock horizon depth (cm) color mottling other taius sicpe _% Boulders (>50 cm) sand 0 25 % Cabbles/Gravel loamy sand / sandv glacial till Α lcam 5_% Bare mineral scil moraine lcam E % Organic soil esker/outwash silt learn 3 50 % Litter (note type) giacial delta clay loams _% Water lacustrine/fluvial C sandy day / day 20 % Total vegetation marine peat Organic Soil Profile: ____Other: aeclian muck peat depth: _____ cm OR > 1 m___ other. Cobble bank venPest decomposition:____ Soil stoniness: Bedrock type: igneous Sedimentary ALL SOILS: v. 社 (< 1%) granite limestone dicritic other sedimentary DEPTH TO WATER TABLE:___ moderate (2-25%) gabbroic other igneous DEPTH to OBSTRUCTION: very (25-100%) details? Metamorchic Soil temperature reading ______ F/C at ______ (depth) state/phyllite schist/gneiss other metamorphic Drainage & moisture regime (see MAPPSS key): Hydrologic regime: upland very poorty drained nontidal wettand: poorty drained permanently flooded semiperm'ly flooded somewhat poorly drained seasonally flooded saturated moderately well drained

well drained

excessively drained

somewhat excessively drained

tidal - irregularly

tidal - regularly

saltwater brackish freshwater

unknown

survey area: Housatonic River, East Branch	T120 North	Date: // November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie County: Berkshire Rob Roy Schonord (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	r Maine Atlas):
	-	

VEGETATION / HABITAT

Observation Point 1 T 120	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Community type:	Community type:
Soit Tufluenced by coal (clork color) (coal observed)	Soil:	Soil:
Slope, aspect topography \$\tilde{x}=31°, 156° Mag., 5488, unleven stoped book	Siope, aspect, topography:	Slope, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA": cover & 1-2 dominant soo, for each
Tree layer: Total cover (%): 75 Acer plataucicles Ulmus americana	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer: Total cover (%) 40 Uitis ripgei4 Rosa Multiflora	Sapling / tall shrub layer: Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) <u>20</u> Ligastum of vulgarea Solanum dulcanera	Shrub (1-2 m) layer. Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) 15 Poa victorialis Allicria peticlata Evolumus Fortunei	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%) Essentially absent	Bryoid layer. Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species: Acer negundo	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Exctic plants; Cobble Shoring of bank; abundant broken glass and litter; culvert	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (scte)? 50 X Y() fee+ tree cores? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

date: 11/11 initials: AH a. 1 of 4

inez Housetonic Riv	ver, East Branch			Obs. pt. #: TIZO
Community type: Floodpla	in / Early Succession	ough forest	(Regional alliance/commun	nity:)
LAYER 50× >40'	plot # TIZO			
QUAD SIZE: note which size used 5.64 m radius for 1/100th ha	"" 19" 1	dhh abh dhh		
50 X 40 feet 7.98 m radius for 2/100th ha use same size throughout	Acer platan. 5			
SAPLING / TALL SHRUB cover class by species of trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall	Vitis riparia (37) Acer saccharum (3) Rosa multiflora (3) Acer platan. (3)			7
QUAD SIZE: 2.3 m radius or 25 m²				
SHRUB cover class by species of shrubs/trees 1 - 2 m tall.	Ligustrum ef. vulgere Solanum dul. (3) Ligustrum cf. amurens	(3) e (3)		
QUAD SIZE: 2.5 m radius or 25 m²				
HERS cover class by species for all hemaceous plants <u>plus</u> any woodies < 1 m tall	Evenymus fortunci (3) Alliaria petiolata (3) Poa memeralis (1)			
QUAD SIZE: 1 m², 2-4 herb quads per tree plot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!	Solidago gigantea (1)			
BRYOID ground-layer mosses, liverwort, lictions in hero quads. resolution (check one);'moss"/"liverwort"/"liction" only;identified to major group;identified to genus;identified to species.				
REMARKS			.	o we have a complete species

cover classes (record midpoint): <2 1 $\left| 2-5\% \right|$ 3 $\left| 6-12\% \right|$ 9 $\left| 13-24\% \right|$ 19 $\left| 25-49\% \right|$ 37 $\left| 50-74\% \right|$ 63 75-100% 87

IATURAL'COMMUNITY SURVEY PART II: DESCRIPTION

complete separate description forms for each notable natural community on reconnaissance page.

Area (specific/general):	Househair Ric	ver, East Branch			T. 06
		Successional forest	Adjacent communiti		e# T120, North
Quad: Pittsfield E (Quadoode:)	(Lang:)	Size (acres) of community EO (not size):	TOPO. Distingu	IAP EXTENT OF Control of the control	ns ground-truthed community based
Physiognomy (Class) forest woodland shrubland dwarf shrubland herbaceous sparse vascular/nonva		Phenology (Subclass) evergreen woody deciduous woody mixed woody perennial annual		Leaf type (Group) Droad-leaf woody needle-leaf woody graminoid forb pteridophyte non-vascular	- 7
height in the (i) supercanopy trees?	FOR FORESTS ore data: g counts (~5 cores) of larges (give sp. & dbn) Acer platquoides 12 inch obh, 27 ybp Acer platamoides B incu obh, 29 ybp	Deadwood (describe dis decay): Some dead ster diameter)		·	
Fire:	Wind:	se do not leave boxes blank, is Cutting:	Agricultu		ible.) Impoundment
A/G	No	No		<i>∪α</i>	Do
auguar Cobble	Shoring along ban	nkj drgivege dita	hes		
DITIONAL SPECI		uded in the plot data that follow	rs.	Species list sketchy	or basically complete?
Fallopia satch Symphiotrichu Lonicera mo	hilenensis ^{sp} m lateriflorum rrowii			Comment Complete fall	
Cornus amomu Rhamnus cat					

TOPOGRAPHY / SOILS

Ame Housatoure River, Eq	st Branch			bs. pt. #' 7/20	
community type: Floodplain/Early	successional fo	rest (Region	nal alliance/community:)		
Elevation: 294 Meters magnetic or true? 156°	Slope: 310 measured or estimated	17	Microtopography: Unevou Stope, with cobble laid diainage ditch		
pH Topographic P low plain, level T toe of slope (note kit or meter type) MS middle slope	position: TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (describe zones or patches present): Somewhat patchy, a few smoopen areas with no trees are for with Ross multiflora		
Mineral Soil Profile:		Surficial deposit	Surface:	Average Texture:	
horizon depth (cm) color mottling O A E B C Orcanic Soil Profile: peat depth: cm OR > 1 m vonPost decomposition: ALL SOILS: DEPTH TO WATER TABLE: DEPTH to OBSTRUCTION: Soil temperature reading F/C at		bedrock talus slope glacial till moraine esker/outwash glacial delta lacustrine/fluvial marine aeolian other: Cobbles Bedrock type: Igneous granite dioritic gabbroic other igneous Metamorphic state/phyllite	% Bedrock % Boulders (>50 cm 10 % Cobbles/Gravel (deposited) 10 % Bare mineral soil % Organic soil 70 % Litter (note type) bloodles f 10 % Water % Total vegetation Other: Sedimentary limestone other sedimentary details?	gravel	
	•	schist/gneiss other metamorphic	drained rained ively drained	Hydrologic regime: upland nontidal wetland: permanently flooded semipermity flooded seasonally flooded saturated tidal - irregularly tidal - regularly saltwater brackish freshwater unknown	

VATURAL COMMUNITY SURVEY PART I: RECONNAISSANCE DENTIFIERS / LOCATION

Maine Natural Areas Program

survey area: Housatonic River, East Branch	T130	Date: // November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Vickie Schooland (Biophysical Region:) Town: Pitts field County: Berkshire (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 x 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):

VEGETATION / HABITAT

Observation Point 1	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successionel	Community type:	Community type:
Soit:	Soit	Sail:
Siope, aspect, topography 22°, 120° Magnetic, gently signed shelf	Siope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA*: cover & 1-2 dominant sco. for each
Tree layer: Total cover (%): 60 Populus del Holdes	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer: Total cover (%) 60 Aren plateholdes Rosa Multiflorg	Sapling / tail shrub layer. Total cover (%)	Sapling / tall shrub layer. Total cover (%)
Shrub (1-2 m) layer: Total cover (%) 20	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) 35 Schologo flexicoulis Agrostis Stolowifera Allionia peticlata	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer. Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Riporan Zone Cutshort on upland Cud by residential lawns	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? Yes, 50 x 29 Feet tree cires? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

date: 11/11 initials: AH p. 1 of 4

IATURAL'COMMUNITY SURVEY PART II: DESCRIPTION

Somplete separate description forms for each notable natural community on reconnaissance page.

DENTIFIERS	1	L	0	CA	T	O	۷

Area (specific/general):	Housatonic River	, East Branch	Obs. Pt # 7130
Community type: Floo	dplain / Early Su	ccessional folest	Adjacent communities:
Quad Pi715 (cold East	(Lat.:)	Size (acres) of community EO	BE SURE TO MAP EXTENT OF COMMUNITY ON TOPO. Distinguish between portions ground-truthed
(Quadcode:)	(Long:)	(not site):	vs. portions presumed to be part of community based solely on photo/map interpretation, where applicable.

LASSIFICATION HIERARCHY

Physiognomy (Class) (prest) woodland sinubland dwarf shrubland herbacsous sparse vascular/nonvascular	Phenology (Subclass) evergreen woody deciduous woody, mixed woody perennial annual	Leaf type (Group) broad-leaf woody needle-leaf woody graminoid forb pteridophyte non-vascular
(ALLIANCE)		

ADDITIONAL DATA FOR FORESTS

Tree canopy height 80 feet	Core data: ring counts (~ 5 cores) of larger trees (give sp. & dbh) Depulys deltoides	Deadwood (describe distribution, abundance, degree of decay): Some dead Material, largely composed of	
supercanopy trees?	31 meh dbh, 47 yop	limbs from taller trees.	
	10 iuch abit, 26 46P		

HISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.)

Fire:	Wind:	Cutting:	Agriculture:	Impoundment
No	No	uplant edge of riper. Zone	NO	NO
<u>ئ</u>	rip-rock Just downst			

Lonicera morrowli	not included in the plot data that follows. Bromus latiglumis Robus accidentalis Argeratina altissima Acer negundo Elynus canadeusis	Species list sketchy or basically complete? Comment Relatively complete
Agrimonia striata	Elymus riporius	

LAYER	plot # 713 U, Norm Populus deltoides 31"	oman forest	(Regio	inal alliance/commi	unity:)	
TREE ist species and dbh for all trees >= 5 cm dbh; count standing						
list species and dbh for all trees >= 5 cm dbh; count standing	Populus deltoides 31"			,	•	
note units:	, ,				· .	
QUAD SIZE: 50 X 29 feet note which size used 5.64 m radius for 1/100th ha	•					
7.98 m radius for 2/100th ha use same size throughout!	•				•	
cover class by species of:	Acer platanoides (63) Vitis riparia (3) Rosa multiflora (19)					- · •7
QUAD SIZE: 2.3 m radius or 25 m²						
cover class by species of shrubs/trees 1 - 2 m tall.	Acer platanoides (3) Rosa multiflora (9) Physocarpus opulifoli	us		·		
QUAD SIZE: 2.8 m radius or 25 m²						
cover class [*] by species for all heroacsous plants plus any woodies < 1 m tall	Euonymus fortune: (3) Solidago flexican lis(3) Alliaria petiolata (3)					
plot. Enter individual values in	Hesperis matronalis (1) Lythrum salicana (1) Cornus sericea (1) Agrostis stolonifera(3)					
BRYOID ground-layer mosses, liverwort, lictiens in herb quads. resolution (check one):*moss*/*liverwort*/*lictien* only;identified to major group;identified to genus;		•				
identified to species. REMARKS						

in ocx on previous page, list plant sop, present in the community out not in the sample plots so we have a complete species list.

^{*}cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

TOPOGRAPHY / SOILS

Arez Housate	mic River, Eas	it Branch		O	s. pl. # 7130
Community type:	podplain/Early	successional f	orest (Regio	nal alliance/community:)	
Elevations 294 Meters	Aspect: 120° magnetic or true?	Slope: 22°	sd?	Microtopography: Uneven, gently Sto	sped shelf
pH (note kit or meter type)	Topographic P low plain, level T toe of slope LS lower slope MS middle slope	position: TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (describe present): Palchy As to under Herb cloninated us cloninated understori	
Mineral Soil Profile: horizon depth (cm) O A E B C Organic Soil Profile: peat depth: vonPost decomposition: ALL SOILS: DEPTH to OBSTRUCTI Soil temperature readin	_cm OR > 1 m		Surficial deposit bedrock talus slope glacial till moraine esker/outwash glacial delta lacustrine/fluvial marine aeolian other: Bedrock type: lgneous granite dioritic gabbroic other igneous Metamorphic slate/phyllite schist/gneiss	Surface: % Bedrock % Boulders (>50 cm 5 % Cobbles/Gravel 5 % Bare mineral soil % Organic soil 40 % Litter (note type) bloodice f % Water 50 % Total vegetation Other: Sedimentary limestone other sedimentary details?	Average Texture: gravel sand loamy sand / sandy loam loam silt loam diay loams sandy diay / diay peat muck Soil stoniness: v. little (< 1%) moderate (2-25%) very (25-100%)
			other metamorphic Drainage & moisture very poorly drained poorly drained somewhat poorly moderately well of well drained somewhat excess excessively drain	drained trained sively drained	Hydrologic regime: upland nontidal wetland: permanently flooded semiperm'ly flooded seasonally flooded saturated tidal - irregularly tidal - regularly tidal - regularly saltwater brackish freshwater

DENTIFIERS / LUCATION		. ``.
survey area: Housetonic River, East Branch	T140, North	Date: November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date);
Surveyors: Arthur Haines John Lortie Bob Roy Cickee Schooland (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 x 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	r Maine Atlas):

VEGETATION / HABITAT

Observation Point 1 T140 North	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Continunity type:	Community type:
Soit [Forest]	Soit	Soit
Siope, aspect, topography	Siope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant sop. for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer: Total cover (%):	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer: Total cover (%)	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer: Total cover (%) Absent	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Hero layer. Total cover (%) 85 Phalaris arundinacea Agrostis stolonifera	Herb layer. Total cover (%)	Herb layer. Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer. Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Engineered Shoreline - Tiprap	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? Yes 50×5' tree cores? No photos? Yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

IATURAL COMMUNITY SURVEY PART II: DESCRIPTION

> complete separate description forms for each notable natural community on reconnaissance page.

Area (specific/general):	Housatonic River,	, East Brauch	L	Obs.	PL # 7140, North
	odplain / Early Suc				
Quad: Pitts Field East (Quadoode:)	(Lat.:) (Lang:)	Size (acres) of community EO (not site):	BE SURE TO MAP EXTENT O TOPO. Distinguish between povs. portions presumed to be pa		ons ground-truthed of community based
	BA: N		salely on photo/r	, where applicable.	
LASSIFICATION HIE	ZARCHY				
Physiognomy (Class) forest woodland shrubland dwarf shrubland herbacsors sparse vascularmonvascu	ev de mi	enology (Subclass) vergreen woody eciduous woody ixed woody erennial) inual	C	Leaf type (Group) broad-leaf woody needle-leaf woody graminoid foro pteridophyte non-vascular	· - · •
(ALLIANCE)					
DDITIONAL DATA FO	OR FORESTS				
/UA trees	counts (~ 5 cores) of larger (give sp. & dbh)	decay): Nonl			•
ISTORY (describe evider	nce or lack thereof; please do	o not leave boxes blank.	Indicate approximately	how recent where po	ssible.)
Fire:	Wind:	Cutting:	Agricult	ure:	Impoundment
<i>N</i> c ≥	No	N	0	μο	NO
comment Rock 1	rip-rap wall has	cultipolian 2	one to 1.5 N	ieteis wide.	
ADDITIONAL SPECIE	S LIST				
List additional plant specie Epilobium Lolium arus		l in the plot data that folk	DWS.	Species list sket	complete

Arez: Housetonic Riv	ver, East Branch				Obs. pt. #. 7140
Community type: Floodpla	in / Early Succession	man forest	(Region	nal alliance/community:)	
LAYER	plot #				
TREE fist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units:	NA				
QUAD SIZE: 50 X 5 (eet note which size used 5.54 m radius for 1/100th ha					
7.98 m radius for 2/100th ha use same size throughout!					
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall	NA				7
QUAD SIZE: 2.8 m radius or 25 m²					
SHRUB cover class by species of shrubs/trees 1 - 2 m tall. QUAD SIZE: 2.5 m radius or 25 m²	NA				
HERS cover class by species for all hemaceous plants plus any woodies < 1 m tall	Lythium satirais (3) Phalcis currelimed (37) Elymns riparius (1)	Scorpioides	(3)	,	
QUAD SIZE: 1 m², 2-4 herb quads per tree	Juncus articulatus Persicaria pensylvanica Rumex crispus (1) Agrostis stolonifera (Persicaria hydropiper	(3) (1)			
BRYOID ground-layer mosses, liverwort, lichens in herb quads, resolution (check one);'moss'/'liverwort'/'lichen' only;identified to major group;identified to genus;identified to species.	Absent	•			
REMARKS					
	<u> </u>			sample nicts so we	

in ocx on previous page, list plant spp. present in the community out not in the sample plots so we have a complete species list.

^{*}cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

Arez Housate	mic River, East	it Branch			Obs. pt. # 140, N
Community type:	oodplain/Early	successional f	Forest IRE	egional alliance/community:)	
Elevation: 294 meles	Aspect: or true?	Slope:	ed?	Microtopography: Relatively eve	n ground
pH (nots kit or meter type)	Topographic P low plain, level T toe of stope LS lower stope MS middle stope	position: TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (desc present): Uniform	
Mineral Soil Profile:			Surficial deposit	Surface:	Average Texture:
harizon depth (cm)	color mottling	other	bedrock	% Bedrock	gravel -
0 .			taius sicpe	% Boulders (>60	,
A	·		glacial till	5% Capples/Grave	el loamy sand / sandy loam
E			moraine	5 % Bare mineral	scil leam
8			esker/outwash	% Organic soil	siit leam
C			giaciai delta	5 % Litter (note type Broad leaf + gramin Water	ord clay loams
		···	marine	85 % Total vegetation	sancy day / day
Orcanic Soil Profile:			aeolian	Other:	peat
peat depth:	cm OR > 1 m		other:		muck
vonPost decomposition:_ ALL SOILS; DEPTH TO WATER TAB	:LE:		Bedrock type: Igneous granite dicritic gationic other igneous	Sedimentary limestone other sedimentary	Soil stoniness: v. little (< 1%) moderate (2-25%)
DEPTH to OBSTRUCTIO			Metamorphic	_ details?	very (25-100%)
Soil temperature reading	F/C at	(depth)	state/phyllite schist/gneiss other metamorphi	•	
			Orainage & moistur	e regime (see MAPPSS key)	: Hydralogic regime:
			very poorly drain	ned	upland
			poorty drained		nontidal wetland: permanently flooded
			somewhat poorf		semiperm'ly flooded seasonally flooded saturated
			well drained		tidal - irregularly
	ti.		somewhat exce	•	tidal - regularly saltwater brackish freshwater
					unknown

DESTINATION TO ONLY STATE OF THE STATE OF TH		<u>`</u> `
survey area: Housatonic River, East Branch	TR48, North	Date: 12 November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Schonard (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 Minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):
	-	

VEGETATION / HABITAT

Observation Point 1 TI48, N	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successioner	Continunity type:	Community type:
Soit [Forest]	Soilt	Soilt:
Sione, aspect topography 6°, 134°Mg, Lower Slope	Sicpe, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer: Total cover (%): 16 Populus dellecides	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer: Total cover (%) 15 A ceir negulado	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) 36 Vitis riparia Rose mult. Flaa Accr Negundo	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer. Total cover (%)
Herb layer: Total cover (%) 50. Phalaris arounds vacea Rumex crispus	Herb layer: Total cover (%)	Herb layer. Total cover (%)
Bryoid layer: Total cover (%)A bseut	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: (atting; exctic species; steel drum and RR Tail.	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? 50 x 29 feet tree cires? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cares? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

date: 11/12 initials: AH 2. 1 of 4

IATURAL'COMMUNITY SURVEY PART II: DESCRIPTION

DENTIFIERS / LOCAT	TION			e in the second		<u> </u>
Area (specific/general):	Housatonic Ric	ver, East	Brauch			Obs. PL # 1148, N
Community type: Floo	odplain /Early	Succession	al forest	Adjacent comm	unities:	
Quad Pitts field, East	<u> </u>	Size (acre communi (not site):	tv EO	TOPO. Dist	nguish betwee	IT OF COMMUNITY ON n portions ground-truthed part of community based
(Quadcode:)	(Long:)					etation, where applicable.
LASSIFICATION HIE	RARCHY					
Physiognomy (Class) forest woodland shrubland dwarf shrubland herbaceous sparse vascular/nonvascu	ular	Phenology (Sur evergreen wo deciduous wo mixed woody perennial annual	ody		Leaf type (Gi broad-leaf v needle-leaf graminoid forb pteridophyte non-vascula	woody woody - · -?)
(ALLIANCE:)						
DDITIONAL DATA F	OR FORESTS					
height ring of trees supercanopy trees? Jes, Jes,	data: counts (-5 cores) of large (give sp. & dbh) opulus deltoides lincually +1-38 yby opulus deltoides inchally 39 yby	ger decay): Falier	•	ribution, abunda	_	
IISTORY (describe evider	nce or lack thereof, plea	ise do not leave	boxes blank, ir	ndicate approxim	ately how recent w	vhere possible.)
Fire: N0	Wind:	Ct	ntting: yes, a little hear resid	e clecting	niculture: NO	Impoundment 40
comment upland ea	dge of Communi	ty abjecta	ted by 18	sideues.		
ADDITIONAL SPECIE	S LIST					
List additional plant special Lythrum Salice Bromus latiglum Myosotis scorpi	aria Celasi Euony MUS	tuded in the plot tras orbicula mus curopa	tus		Commer	list sketchy or basically complete

- 2.4

	ver, East Branch				Obs. pt. #:	T148,N
Community type: Floodpla	in / Early Succession	man forest	(Region	nal alliance/community:)	· ·	
LAYER .	plat # T148N	·				
TREE list species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units: 50 x 29 feet OUAD SIZE: note which size used 5.64 m radius for 1/100th ha	Pop. del. 19" dbh Ulm. ame. 5" dbh Pop. del. 13" dbh				***	
7.98 m radius for 2/100th ha use same size throughout!	,					•
cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall QUAD SIZE:	Acer neg. (3)					- · •
2.8 m radius or 25 m² SHRUB cover class by species of shrubs/trees 1 - 2 m tail. QUAD SIZE: 2.8 m radius or 25 m²	Acer neg. (9) Vitis riparia (9) Solanum dulcamera(3) Cornus sericea (3) Geum alepicum (1) Calyslegia sepium (9)					
HERS cover class by species for all herbaceous plants <u>plus</u> any woodles < 1 m tall QUAD SIZE: 1 m², 2-4 herb quads per tree plot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!	Aliana petiolata (3) Rosa multiflora (3) Phalaris aru. (37) Agrostis stolon. (3) Tussi lago farfara (1) Epilobium coloratum (1)					
BRYOID ground-layer mosses, liverwort, lichens in herb quads, resolution (check one);*moss*/"liverwort/"lichen* only;identified to major group;identified to genus;identified to species.						
REMARKS						
n ocx on previous page, list (olant sop, present in the	community out not	in the	sample plots so we	nave a com	olete species lis

*cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

Arez Housate	Obs. pt. #' T148 N					
Community type: Fl						
Elevation: 294 Mctels	Aspect 134° (magnetist or true?	Slope: 0°	ed?	Microtopography: Sloping ground Channel	and drainage	
рН	Topographic	position:		Habitat patchiness (descripresent):	ibe zones or patches if	
(note kit or meter type)	P low plain, level T toe of slope LS lower slope MS middle slope	TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Patchy, river fr. upland a mixture on liana thickets.	nged by grasses, forest and shrub/	
Mineral Soil Profile:			Surficial deposit	Surface:	Average Texture:	
ήο ιτεοι depth (στι) color mottling	other	bedrock	% Bedrock	gravel	
0			taius sicpe	% Boulders (>50	cm) sand	
	•		glacial till	% Cabbles/Grave	lcam	
E			moraine	10 % Bare mineral s	icil loam	
			esker/outwash	% Organic soil	silt loam	
3			giacial delta	35 % Litter (note typ 5 Broad leaf + grams 5 % Water	nineid day loams	
<u> </u>	<u> </u>		lacustrine/fluvial	50 % Total vegetation	l sandy diay / diay	
Organic Soil Profile:			aeolian	Other:	peat	
peat depth:	_cm OR > 1 m		other		muck	
vonPost decomposition: ALL SOILS: DEPTH TO WATER TA	æLΞ:		Bedrock type: Igneous granite dioritic gabbroic other igneous	Sedimentary limestone other sedimentary	Soil stoniness: v. little (< 1%) moderate (2-25%)	
	ig F/C at		Metamorphic state/phyllite schist/gneiss other metamorphi	_ details?	very (25-100%)	
Have	Plot wid	11/2	Drainage & moistu	re regime (see MAPPSS key): Hydrologic regime:	
1, 19		\	very poorly drai	ined	uptand	
			poorty drained		nontidal wetland: permanently flooded	
SoverHed .	Bay Phali	aris	somewhat poor	ty drained	semiperm'ly flooded	
Bank	\ //\(\\\)	M. M.M.	moderately wel	I drained	saturated tidal - irregularly	
	Shirly Braid River			well drained		
	chaunel			essively drained	saltwater brackish	
			excessively dra	ained	freshwater	
					unknown	

		,
survey area: Housatonic River, East Branch	1160 North	Date: 12 November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
surveyors: Arthur Haines John Lortie Bob Roy Schonard (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 Minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	r Maine Atlas):

JEGETATION / HABITAT

Observation Point 1 T170	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Community type:	Community type:
Soit [for85]	Sait	Soil:
Siope, aspect, topography 1-40°, 190° mag, flat Shelf to Moderate 51000	Siope, aspect, topography:	Slope, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant sop, for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer: Total cover (%): 70 Acer negundo Acer platquoides	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapting / tall strub layer: Total cover (%) 30 (865+105 Orbiculatus Acer plafamoides	Sapling / tail shrub layer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) 30 Louicell Mortoni; Liquistium Uniquie Rosa multiflora	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) 40 Argerativa altissing Evanymus fortune i Hespens matromalis	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%) Esseutially absent	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Exclic plant Species; trash along river; refuse Neaps	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? 50 X U() tree cares? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

date: 11/12 initials: AH p. 1 of 4

IATURAL'COMMUNITY SURVEY PART II: DESCRIPTION

Somplete separate description forms for each notable natural community on reconnaissance page.

DENTIFIERS / LOCATION

Area (specific/general):	Housatonic River	, East Branch	Obs. Pt # T160 N
Community type: Flood	lplain /Early Su	ccessional folest	Adjacent communities:
Durch Pittsfield, East	(Lat.:)	Size (acres) of community EO	BE SURE TO MAP EXTENT OF COMMUNITY ON TOPO. Distinguish between portions ground-truthed
Quadcodet)	(Long:)	(not site):	vs. portions presumed to be part of community based solely on photo/map interpretation, where applicable.

forest woodland shrubland dwarf shrubland herbaccous sparse vascular/nonvascular	broad-leaf woody needle-leaf woody graminoid foro pteridophyte non-vascular
---	---

ADDITIONAL DATA FOR FORESTS

Tree canopy height ing counts (-5 cores) of larger trees (give sp. & dbh) (i) Acer negoudo 14 inch dbh, 43 ybp trees? NO (i) Ulgus aneircana 12 inch db H, 30 ybp	Deadwood (describe distribution, abundance, degree of decay): Some deadly, Mostly larger branches of County trees	·
--	--	---

IISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.)

Fire:	.UC	Wind: NO	Cutting:	Agriculture:	Impoundment
	.				·
commer	Trash along	river; temendous en	esich oround culver	+ Sust downstiean o	e Plat

ADDITIONAL SPECIES LIST

Evenymus alatus Ulmus anencava Solidago gigantea Lonicera morrowii Celastrus orbiculatus	Species list sketchy or basically complete? Comment Relatively complete
Por nemeralis Argeratina altissima	

Arez: Housetonic Riv	ver, East Brauch			Obs. pt. #:	7160N
Community type: Floodpla	in / Early Successi	ough forest	(Regional alliance/community:)	
LAYER	plot # T160 North				
TREE ist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units: QUAD SIZE: SOX 40 feet note which size used 5.64 m radius for 1/100th ha	Acer plat. DBHs 5," 5," 5," 5," 5," 5," 5," 7 Acer neg. 15," 10," 18," 5," 6," 5," 5," 6," 8" Aesculus hippocastanum 7"	u .		• • •	
7.98 m radius for 2/100th ha use same size throughout!	•	·			
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall	Acer negundo (3) Acer plat. (3) Ligustrum Vul. (9) Rosa multiflora (9) Celastrus orb. (9)				- · -7
QUAD SIZE: 2.3 m radius or 25 m²					
SHRUB cover class by species of shrubs/trees 1 - 2 m tall.	Lig. Vul. (3) Rosa mul. (3) Acer neg. (1)				
QUAD SIZE: 2.3 m radius or 25 m²					
HERS cover class by species for all heroaccous plants bius any woodies < 1 m tall	Symphiatrichum cor. (1) Viola sororia (1) Rudbeckia laciniata (1) Rhamnus Cat. (1)				
QUAD SIZE: 1 m², 2-4 herb quads per tree plot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!	Rhamnus Cat. Alliaria pet: Hesperis matronalis (9) Euonymus fortunii (9) Geum can. Chelidonium majus (3)				
BRYOID ground-layer mosses, liverwort, lichens in herb quads, resolution (check one);'moss'/'liverwort'/'lichen' only;identified to major group;identified to genus;identified to species.					
REMARKS					
n pax on previous page, list (l plant sop, present in the	community out no	t in the sample plots so w	e nave a com	Diete species its

* cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

TOPOGRAPHY / SOILS

Are Housate	mic River, Eas	st Branch		Obs.	pt.* T160 N
Community type:	oodplain/Early	successional fo	riest (Region	nal alliance/community:)	
Elevation: 244 Meters	Aspect: (magnetic or true? 140°	Slope: 1° Shelf t	hat diops to 40°iuto river 07	Microtopography: level Sheif that changes to a Steep Slepe to Fiver	
pΗ	Topographic	position:	·. :	Habitat patchiness (describe zo present):	ones or patches if
(note kit or meter type)	P low plain, level T toe of stope LS lower stope MS middle stope	TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Uniform olding river	
Mineral Soil Profile:			Surficial deposit	Surface:	Average Texture:
horizon depth (cm) color mottling	other	bedrock	% Bedrock	gravel
0			taius sicpe	% Boulders (>50 cm)	sand
Α .	•		glacial till	% Cabbles/Gravel	learny sand / sandy
			moraine	5 % Bare mineral soil	lcam
E			esker/outwash	% Organic soil	silt loam
3			giacial delta	HO % Litter (note type) Broad leaf	clay loams
C			lacustrine/fluvial	% Water	sancy day / day
Organic Soil Profile:			marine	55 % Total vegetation	peat
	_cm OR > 1 m		aeolian	Other:	muck
vonPost decomposition			other: Bedrock type:		Sail stoniness:
ALL SOILS:			Igneous granite	Sedimentary	v. little (< 1%)
DEPTH TO WATER TA	VBLE:		dicritic	limestone other sedimentary	moderate (2-25%)
DEPTH to OBSTRUCT	10N:		other igneous	details?	very (25-100%)
Soil temperature readir	ng F/C at	(depth)	Metamorphic state/phyllite schist/gneiss		
7			other metamorphic		
			Drainage & moisture	regime (see MAPPSS key):	Hydrologic regime:
			very poorty draine	d	upiand
			poorty drained		nontidal wetland: permanently flooded
			somewhat poorly moderately well of		semiperm'ly flooded seasonally flooded saturated
			well drained		tidal - irregularly
•			somewhat excess	sively drained	tidal - regularly saltwater brackish
			excessively drain	ed	freshwater
					unknown

		·
survey area: Housatonic River, East Branch	T170 North	Date: 12 November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Schonword (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):
GETATION / HABITAT	1	

VEGETATION/ HABITAT		
Observation Point 1 T170 N	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successionel	Community type:	Community type:
Soit MidSE	Soil:	Soil:
Slope, aspect, topography 40° on rivercut slope, 56 mag, level swelf to	Siope, aspect, topography:	Slope, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA*: cover & 1-2 dominant soo, for each
Tree layer. Total cover (%): 65 Acer plantamendes	Tree layer. Total cover (%):	Tree layer: Total cover (%):
Sanling / tall shrub layer: Total cover (%) 35 Acer profquoides Vites riporia	Sapting / tail shrub layer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) 15 Fuchymus 91atus Rosa muit: Flora	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) 40 Hesperis Motronalis Alliania petrolata Agrostis stalouifea	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species: Thuja occidentalis — likely an escape from planting as alea is residential	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Trish and lawn/gooden refuse heaps glong river; exotic herbs, Sherbs, and trees	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (sca)? 50 x 29 (eet tree cares? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

date: 11/12 initials: AH 2. 1 of 4

IATURAL'COMMUNITY SURVEY PART II: DESCRIPTION

Somplete separate description forms for each notable natural community on reconnaissance page.

DENTIFIERS /	L	0	CA	П	0	١
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DENTIFIERS / LOCATION					
Area (specific/general):	Housetonic Ric	ver, East Brauck		Obs. Pt # TI70 Nort	
Сопитиліку туре: Floor	dplain /Early	Successional folest	Adjacent communitie	es:	
Quad Hisfield East	(Lat.:)	Size (acres) of community EO	BE SURE TO MAP EXTENT OF COMMUNITY TOPO. Distinguish between portions ground-tr		
(Quadcode:)	(Long:)	(not site);	vs. portions pres	sumed to be part of community based map interpretation, where applicable.	
LASSIFICATION HIEF	ARCHY				
Physiognomy (Class) forest woodland shrubland dwarf shrubland herbaceous sparse vascular/nonvascul	2	Phenology (Subclass) evergreen woody deciduous woody mixed woody perennial annual		Leaf type (Group) broad-leaf woody needle-leaf woody graminoid forb pteridophyte non-vascular	
	at.	ब्रामाच्या			

ADDITIONAL DATA FOR FORESTS

Tree canopy height 70 feet	(1) Acer negular	Deadwood (describe distribution, abundance, degree of decay): Small branches from revopy trees	·
supercanopy trees?	21 ivel dbh, 31 ybp		
NO	(3) Arer platauoides 8 inch olbh, 21 40p		

tISTORY (describe evidence or lack thereof; please do not leave boxes blank, Indicate approximately how recent where possible.)

Fire:	Wind:	Cutting:	Agriculture:	Impoundment
NO	No	No	No	No
4 · -				·
COMMENT SOME Tras	sh and lawn/baden	refuse over baulc		

ADDITIONAL SPECIES LIST

List additional plant species in community not included in the plot data that follows. Salix alba	Species list sketchy or basically complete?
Lygustrum cf. amurense Vinca minor Thuja occidentalis Solanum dulcamera	relatively complete for a fall survey

Arez Housatonic Riv	ver, East Branch			Obs. pt. #. 7170 N
Community type: Floodpla	in / Early Succession	man forest	(Regional alllance/community:)	
LAYER	plot # T170N			
TREE ist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units: QUAD SIZE: 50 X 29 Feet note which size used	Acer platonoides 5," 8," 5" Standing Dead			
note which size used 5.64 m radius for 1/100th ha 7.98 m radius for 2/100th ha use same size throughout	8"			
SAPLING / TALL SHRUB cover class by species of trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall	Acceptatamides (37) Vitis riparia (9) Ulmus ame. (3)			7
QUAD SIZS: 2.3 m radius or 25 m²				
SHRUB cover class by species of shrubs/trees 1 - 2 m tall.	Everymus alatus (19) Rosa multiflora (3) Acer plat. (3)		-	
QUAD SIZE: 2.3 m radius or 25 m²				
HERS cover class by species for all heroaccous plants plus any woodles < 1 m tall	Chelidonium maj. (3) Hesperis matronalis (9) Phalaris aru. (3)			
1 m², 2-4 herb quads per tree	Argeritina alt. (3) Alliaria pet. (3) Bromus latiglum. (3) Agrostis stolon. (9) Viola Sororia (1) Solidago gigan. (1)			
BRYOID ground-layer mosses, liverwort, lictiens in herb quads. resolution (check one): "moss"/"liverwort"/"lictien" only; identified to major group; identified to genus; identified to species.				
REMARKS (Downstream p shaded by 24"olbh Salix a	ortion of plot lba).		-	
n ocx on previous page, list i	! DIANT SDD. Dresent in the	community but no	t in the sample plots so we	nave a complete species lis

*cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

.... 3 .. 4

Arez Tousate	uic River, Eas	t Branch			Obs. pt. #: T170
Community type: Flo	oodplain/Early	successional f	orest (Regio	nal alliance/community:)	
Elevation: 294 meters	Aspect 56° magnetic or true?	Slope: 3° to 40	'	Microtopography: relatively flat shelf to river channel	ed guickly dlops julo
pH (nota kit or meter type)	Topographic P low plain, level T toe of slope LS lower slope MS middle slope	position: TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (desc present): Un.form alchy river	,
Mineral Soil Profile:			Surficial deposit	Surface:	Average Texture:
norizon depth (cm)) color mattling	other	bedreck talus sicpe glacial till	% Bedrock% Boulders (>50% Cabbles/Grave	el loamy sand / sandy
E B			moraine esker/outwash glacial delta	5 % Bare mineral 50 % Organic soil oread test % Litter (note by	loam silt loam
C Creanic Soil Profile:			lacustrine/fluvial	% Water 45 % Total vegetation	ciay learns sancy day / day on peat
peat depth:	_cm OR > 1 m		aeclian other:	Other:	muck
VenPest decomposition: ALL SOILS: DEPTH TO WATER TA DEPTH to OBSTRUCTION	8LΞ:	(depth)	Bedrock type: Igneous granite dioritic gabbroic other igneous Metamorphic	Sedimentary limestone other sedimentary details?	Soil stoniness: v. little (< 1%) moderate (2-25%) very (25-100%)
Soil temperature readin		(depui)	state/phyllite schist/gneiss other metamorphic		
Residential	forest		Drainage & moisture very poorly drained poorly drained somewhat poorly		y): Hydrologic regime: upland nontidal wetland: permanently flooded semiperm'ly flooded
lawn	Strip	grass Silt	moderately well of well drained	trained	seasonally flooded saturated tidal - irregularly tidal - regularly satiwater
k -	s.	bar	somewhat excess excessively drain		brackish freshwater unknown

survey area: Housatonic River, East Branch	7180 North	Date: 12 November 1998
(Site name:)	··(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lorfie Bob Roy Vickie Schonland (Biophysical Region:)	usgs 7.5 quad: Pitts field East 1:25,000 7.5 x 15.0 minute	·
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):
/SCSTATION / HABITAT		

EGETATION/ HABITAT		·
Observation Point 1 T180 N	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Continunity type:	Community type:
Soit Fores E	Sait	Soil:
Siope, aspect topography level 0° to 45°; 90° mag; terrace to slope	Siope, aspect, topography:	Slope, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant sop, for each	STRATA*: cover & 1-2 dominant soo, for each
Acer previous des	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer. Total cover (%) 20 (elashus or birulatus Vitis v. paria	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer. Total cover (%)
Shrub (1-2 m) layer. Total cover (%) 40 Folkopin Japonica Louisera marrowii	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) 55 Zizea aurea Matteuccia Struthiapteris	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Exclic plant species; community adJacent to lawn	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? 50 x 32 feet tree cires? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cares? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

IATURAL COMMUNITY SURVEY PART II: DESCRIPTION

-> complete separate description forms for each notable natural community on reconnaissance page.

DENTIFIERS	1	LOC	A	TI	0	١	i
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DENTIFIERS / LOCATION						
Area (specific/general):	Housatonic R	iver, East Branc	h	Obs. PL # TI80 North		
Community type: Flo	odplain / Earl	y Successional folest	Adjacent communit	ies:		
Quade Dittsfield East	(Lat.)	Size (acres) of community EQ	BE SURE TO I	MAP EXTENT OF COMMUNITY ON uish between portions ground-truthed		
(Quadcode:) .	(Long:)	(not site):	vs. portions pre	resumed to be part of community based map interpretation, where applicable.		
LASSIFICATION HIE	RARCHY					
Physiognomy (Class)		Phenology (Subclass)		Leaf type (Group)		

	Physiognomy (Class) forest woodland shrubland dwarf shrubland heroaccous sparse vascular/nonvascular	Phenology (Subclass) evergreen woody deciduous woody mixed woody perennial annual	Leaf type (Group) hroad-leaf woody needle-leaf woody graminoid foro pteridephyte non-vascular
--	--	---	---

ADDITIONAL DATA FOR FORESTS

Tree canopy height 57 Feet	Core data: ing counts (- 5 cores) of larger trees (give sp. & dbh) Acer Scothethinum	Deadwood (describe distribution, abundance, degree of decay): Mostly Small Embs from Cauapy thees, one log (11 luch albh) in plot	:
supercanopy trees? NO	Department of the second of th		

IISTORY (describe evidence or lack thereof; please do not leave boxes blank, Indicate approximately how recent where possible.)

Fire:	Wind:	Cutting:	Agriculture:	Impoundment
No	No	Community has been clowed at upland edge for lawn,	. No	NO
.				
Feme splits commun	ity.			

ADDITIONAL SPECIES LIST

List additional plant species in community Euonymus alatus	y not included in the plot data that follows.	Species list sketchy or basically complete? Comment
Euonymous curopaea Fagns grandifolia Tussilago farfara Rubus idaeus Dactylis glomerata	Muhlenbergia mericana Argeratina altissima Sciidago Flexicaulis	Moderate survey effort

	er, East Branch			Ot	mm. TISO N
Community type: Floodplai	in / Early Succession	ough forest	(Regional alliance/communit);)	e setus
LAYER .	plot # TI80				
deed as 1 species	Acer negundo 5," 8," 5"				
note units:	Acer platanoides 6" 8"				**
out the size smed	Acer saccharinum 12" 12", 11", 13"		£		
7.98 m radius for 2/100th ha use same size throughout!	,				
and	Acer saccharinum (3) Celastrus orbiculatus (3) Vitis riparia (9) Acer negundo (3))			* * *
QUAD SIZE: 2.3 m ractius or 25 m²					
SHRUB cover class by species of shrubs/trees 1 - 2 m tall.	Fallopia japonic (19) Lonicera morrowii (3)				
QUAD SIZE: 2.3 m radius or 25 m²					
h	Zizea queo Metteuccia struthiopteris Poa nemeralis (3)	(37) (19)			
QUAD SIZE: 1 m², 2-4 herb quads per tree piot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!	Bromus latiglumis (3) Solidago canadensis (3)				
BRYOID ground-layer mosses, liverwort, lictiens in herb quads, resolution (check one):'moss'/[liverwort//lictien" only;identified to major group;identified to genus;identified to species.		•			
REMARKS			· I	<u>-</u>	

in ocx on previous pade, list plant spp. present in the community out not in the sample plots so we have a complete species list.

^{*}cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

Arez Housate	mic River, Eas	it Brench			bs. pt. #: T 180 N
Community type: Fl	oodplain/Early	successional fo	rest (Regio	nal alliance/community:)	
Elevation: Aspect: 90° Slope: 45° to rive? 294 meters magnetic or true? measured or estimated?			Microtopography: Upland terrace that slopes abruptly to river.		
pH (note kit or meter type)	Topographic P low plain, level T toe of slope LS lower slope MS middle slope	position: TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (describe present): Uniform along	
Mineral Soil Profile:			Surficial deposit	Surface:	Average Texture:
horizon depth (cm) color mottling	; other	bedrock	% Bedrock	gravel -
0			taius sicpe	% Boulders (>50 cm	n) sand
	•	 	glacial till	% Cabbles/Gravel	loamy sand / sandy
A			moraine	5 % Bare mineral scil	
E			esker/outwash	% Organic soil	silt loam
3			glacial delta	45 % Litter (note type)	ciay loams
С			lacustrine/fluvial	% Water	sandy day / day
Organic Soil Profile:			marine	50 % Total vegetation	peat
	_cm OR>1m		aeolian	Other:	muck
venPest decomposition			other:		Sail stoniness:
ALL SOILS:			Bedrock type: Igneous granite	Sedimentary limestone	v. little (< 1%)
DEPTH TO WATER TA	VELE:		dicritic gabbroic	other sedimentary	moderate (2-25%)
DEPTH to OBSTRUCT	10N:		other igneous	details?	very (25-100%)
Soil temperature readin	ng F/C at	(depth)	Metamorphic state/phyllite schist/gneiss other metamorphic	•	
			Drainage & moisture	regime (see MAPPSS key):	Hydrologic regime:
1 710/16	770		very poorly drains	ed	uptand
		·	poorty drained		nontidal wettand: permanently flooded
river	700		somewhat poorly	drained	semiperm'ly flooded seasonally flooded
TENGLE			moderately well	drained	saturated
		*	well drained		tidal - irregularly tidal - regularly
		River	somewhat exces	sively drained	saltwater brackish
X-section of	community		excessively drain	ned	freshwater
					unknown

NATURAL COMMUNITY SURVEY PART I: RECONNAISSANCE DENTIFIERS / LOCATION

Maine Natural Areas Program

survey area: Housetonic River, East Branch	T190 N	Date: 12 November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy County: Berkshire (Biophysical Region:)	uses 7.5 Quart Pitts field East 1:25,000 7.5 x 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):

VEGETATION / HABITAT

Observation Point 1 T190N	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Continunity type:	Community type:
Soit Allovial	Sait	Soil:
Slope, aspect, topography 48° bauk; 170°; terrace with Steep bauk	Siope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer: Total cover (%):	Tree layer: Total cover (%):	Tree layer. Total cover (%):
Sabling / tall shrub layer: Total cover (%)	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer: Total cover (%) 10 Rubus idaeus Solidago altissima	Shrub (1-2 m) layer. Total cover (%)	Shrub (1-2 m) layer. Total cover (%)
Herb layer. Total cover (%) 80. Matteu ccia struthicpteris Photoris anudinacea Zizea aurea	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%) 5	Bryoid layer. Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Cleared avea; exotic species	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (sce)? 50 x 3 z tree cores? Na photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cares? photos?

date: 11/12 initials: Alt p. 1 of 4

DENTIFIERS / LOCAT	ION		-			
Area (specific/general):	Housatonic Rive	er, East Brauch			Obs. Pt. #	T190 Worth
Community type: Fluo	dplain / Early S	successional folest	Adjacent communiti	es:		
Quart Pittsfield East	(Lat.:)	Size (acres) of community 50 (not site):	BE SURE TO M TOPO. Disting	uish between p	ortions gi	round-truthed
(Quadcode:)	(Long:)		vs. portions presumed to be part of community base solely on photo/map interpretation, where applicable			
LASSIFICATION HIE	RARCHY					
Physiognomy (Class) forest woodland strubland dwarf shrubland herbaccous sparse vascular/nonvascu		Phenology (Subclass) evergreen woody deciduous woody mixed woody perennilat annual		Leaf type (Group broad-leaf wood needle-leaf wood graminoid fort) ptendophyte non-vascular	dy	- · •7
(ALLIANCE)						
DDITIONAL DATA FO	OR FORESTS					
	data: cums (~ 5 cores) of large: (give sp. & dbh)	Deadwood (describe dis decay):	stribution, abundance,	degree of	t	
supercanopy trees?						
IISTORY (describe eviden	ce or lack thereof; please	e do not leave boxes blank. I	ndicate approximately	how recent when	e possible.)	
Fire:	Wind:	Cutting: one cut st		ture:	Impo	undment
₩	N	rivers edge		NO		v o
comment Area h	as been cleared	of tiees and u	ow a field	•		
ODITIONAL SPECIES	LIST					
Cist additional plant specie Rudbeckia lacini Oenothera bien Rhus herta Alliaria petiola Elymus Virginica	ata Symphiatr nnis Agrostis Bronus ita	ted in the plot data that following chum lanceolatum stolowifera 141.glumis	ws.	Comment ,	sketchy ar	basically complete?

Area: Housetonic Riv	ver, East Branch			Obs. pt. #. T190 N
Community type: Floodpla	in / Early Succession	ough forest	(Regional alliance/community:)	• = • · ·
LAYER -	plot # T190 N			
TREE fist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units:	No trees W/in plot			
QUAD SIZE: 50x32 feet note which size used 5.64 m radius for 1/100th ha		·		
7.98 m radius for 2/100th ha use same size throughout!	, .			
SAPLING / TALL SHRUB cover class by species of trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall	NA			- · -7
QUAD SIZE: 2.3 m radius or 25 m²				
SHRUB cover class by species of shrubs/trees 1 - 2 m tall.	Rubus idaeus (9) Asparagus offcinalis Solidago allissima (3)	(3)		
QUAD SIZE: 2.8 m radius or 25 m²				
HERS cover class by species for all herbaccous plants plus any woodles < 1 m tall	Metteuccia strutliopte Phalaris arun: (9) Vitis riparia (3)			
QUAD SIZE: 1 m², 2-4 herb quads per tree plot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!	Lythnum Salicaria (1) Fragaria Viginiuma (1) Echinacystis labata (3) Epilobium ciliatum ssp. Salanum dulcamera (3) Barbarea Vulgaris (3)	glandulosum (3)		
BRYOID ground-layer mosses, liverwort, lictions in herb quads. resolution (check one);	ltesperis matronalis (1) Zizia aurea (19)	within layer herb layer		
	Moss 3	•		
REMARKS				
n ocx on previous page, list p	l plant spo. present in the	community but no	I In the sample plots so we	nave a complete species lis

*cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

TOPOGRAPHY / SOILS Housatoux River, East Branch Obs. pt. # T190N Floodplain/Early successional forest (Regional alliance/community;) 48° to viver Microtopography: Sicpa: Aspect 170° relationly level terrain with a steep **Elevation**: 294 MELEUS magnetic or true? measured or estimated? bank to the river Habitat patchiness (describe zones or patches if position: Topographic pН present): vu form along river P low plain, level TB hillside C crest terrace/benct) T toe of slope M high plateau LS lower slope US upper slope Inche kit or meter N narrow valley MS middle slope E cliff/ledge D drainage channel (ype) Surficial decosit Average Texture: Surface: Mineral Soil Profile: _% Bedrock bedrock gravel other mottlina horizon depth (cm) color % Boulders (>50 cm) sand taius sicoe 0 learny sand / sandy % Cabbles/Gravel glacial till Α lcam 5_% Bare mineral soil moraine lcam Ε esker/cutwash _% Organic soil silt leam 40_% Litter (note type) 3 glacial delta pteridophyte/herb ctay loams lacustrine/fluvial % Water C sandy day / day 45 % Total vegetation marine peat Orcanic Soil Profile: _ Other. aeolian muck peat depth: _____cm OR > 1 m____ venPest decomposition: Soil stoniness: Bedrock type: Igneous Sedimentary ALL SOILS: v. little (< 1%) granite limestone dicritic other sedimentary DEPTH TO WATER TABLE:___ moderate (2-25%) gabbroic other igneous DEPTH to OBSTRUCTION:___ very (25-100%) details? Metamorphic Soil temperature reading _____ F/C at _____ (depth) state/phyllite schist/gneiss other metamorphic Hydralogic regime: Drainage & moisture regime (see MAPPSS key): upland very poorly drained nontidal wettand: poorty drained permanently flooded semiperm'ly flooded somewhat poorly drained (seasonally flooded)

moderately well drained

excessively drained

somewhat excessively drained

well drained

saturated

tidal - irregularly

tidal - regularly saltwater

brackish freshwater

unknown

VATURAL COMMUNITY SURVEY PART I: RECONNAISSANCE DENTIFIERS / LOCATION

Maine Natural Areas Program

survey area: Housafonic River, East Branch	T200 North	Date: 12 November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Schonold (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):

VEGETATION / HABITAT

Observation Point 1 Tzoc N	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Community type:	Community type:
Soit:	Sait	Soit
Siope, aspect, topography	Siope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA; cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant soo, for each
Fagus Grandifolis	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer. Total cover (%) 30 Fages grawlifelia	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) 20 Lonicara Morrowii Euchymus glatus Fagus grandifolia	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Hero layer. Equisefum Myemale Poa nemoralis Symphychichum cordifolium	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%) 2	Bryoid layer. Total cover (%)	Bryoid layer. Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: One Stump cutting; earth moved to citate Stap bauk at upper edge.	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (sce)? SOX 29 tree cares? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cares? photos?

date: 11/12 initials: AH a. 1 of 4

٩	ENTIFIER:	5/	LO	CA	TIC	N
J	EU HLIEV	. ,		3		44

Area (specific/general):	Housatonic Ri	ver, East Branc	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Obs. Pt. #	7200 North
Community type: Floo	odplain /Early	Successional folest	Adjacent communities:		
Quad Pittsfield East	(Lat.)	Size (acres) of community EO	BE SURE TO MAP EXTENT OF COMMUNITY TOPO. Distinguish between portions ground-tr		
(Quadcode:)	(Long:)	(not site):	vs. portions presumed to be part of community based solely on photo/map interpretation, where applicable.		

Physiognomy (Class) (forest) woodland shrubland dwarf shrubland herbaceous	Phenology (Subclass) evergreen woody deciduous woody mixed woody perennial annual	Leaf type (Group) hroad-leaf woody needle-leaf woody graminoid forb pteridophyte
sparse vascular/nonvascular		non-vascular

ADDITIONAL DATA FOR FORESTS

Tree canopy height 50 feet supercanopy trees?	Core data: ring counts (~ 5 cores) of larger trees (give sp. & dbh) (i) Acer succhown 12 inch dbh; 57 ybp.	Deadwood (describe distribution, abundance, degree of decay): Very 1;1+10 deadwood	,
NO	@ Fagus grauditatic 9 inch don, 103 yop		

HISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.)

NO NO 23" Fagus gran. NO N	Fire:	Wind:	Cutting:	Agriculture:	Impoundment
	N^{o}	No	23" Fagus gran. Stump	· NO	NO
					·

Earth has been moved at upland edge of community (field edge) to circle on initial Steep bank.

ADDITIONAL SPECIES LIST

relatively complete

	er, East Branch			Oper by 1 Soc 1
Community type: Floodpla	in / Early Succession	man forest	(Regional alliance/community:)	 A Section
LAYER	plat # T200 N			
ist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units:	Acer saccharum 8," 12" Fagus grandifolia 8," 10," 6,9," 11"			
QUAD SIZE: 50 X '29 feet note which size used 5.64 m radius for 1/100th ha	Standing <u>dead</u> 18"			
7.98 m radius for 2/100th ha use same size throughout!				
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall	Fagus grandifolia (37)			7
QUAO SIZE: 2.3 m radius or 25 m²				
SHRUB cover class by species of shrubs/trees 1 - 2 m tall. QUAD Size: 2.8 m radius or 25 m²	Cornus amomum (3) Fagus gran. (3) Loniceta mor. (3) Euonymus alatus (3) Betula allaghaniensis(1)			
HERB cover class by species for all herbaceous plants plus any woodies < 1 m tall	Equisetum hymnale (37) Poa nemeralis (9) Symphiotrichum lat. (3)			
QUAD SIZE: 1 m², 2-4 herb quads per tree plot. Emer individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!				
BRYOID ground-layer mosses, liverwort, lichens in herb quads. resolution (check one):	Moss (Polytichum)	•		
REMARKS				

in box on previous bade, list plant sop, present in the community out not in the sample plots so we have a complete species list.

^{*}cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

TOPOGRAPHY / SOILS Housalouic River, East Branch Obs. pt # T200 North Floodplain/Early successional forest (Regional alliance/community:) Community type: Microtopography: uneven Stope (Stope, ditch, beach, Slope: $\bar{\chi} = 56^{\circ}$ Aspect 138° **Elevation**: Slope to river) 294 meters magnetic or true? measured)or estimated? Habitat patchiness (describe zones or patches if Topographic position: ρH present): Uliform cloud river in Plat P low plain, level TB hillside C crest T toe of slope terrace/bench M high plateau (note kit or meter LS lower slope US upper sicpe N narrow valley MS middle slope type) E diff/ledge D drainage channel Surficial deposit Surface: Average Texture: Mineral Soil Profile: % Bedrock gravel other bedrock horizon depth (cm) color mettling % Boulders (>50 cm) taius sicce sand 0 loamy sand / sandy % Cabbles/Gravel glacial till Α lcam 5_% Bare mineral scil moraine lcam Ε _% Organic soil esker/outwash silt leam 50 % Litter (note type) 3 giacial deita broadlesf day learns lacustrine/fluvial % Water C sandy day / day 45 % Total vegetation marine peat Orcanic Soil Profile: Other: aeclian muck peat depth: _____cm OR > 1 m___ other: vonPost decomposition:___ Soil stoniness: Bedrock type: Igneous Sedimentary ALL SOILS: v. ittle (< 1%) granite limestone dicritic other sedimentary DEPTH TO WATER TABLE:__ moderate (2-25%) cabbroic other igneous DEPTH to OBSTRUCTION: very (25-100%) details? Metamorphic Soil temperature reading ______ F/C at _____ (depth) state/onvilite schist/qneiss other metamorphic field Hydrologic regime: Drainage & moisture regime (see MAPPSS key): upland very poorty drained nontidal wettand: poorty drained permanently flooded semiperm'ly flooded somewhat poorly drained seasonally flooded 5/c**p**-e saturated Moved moderately well drained earth tidal - irregularly well drained tidal - requiarty

somewhat excessively drained

excessively drained

River

saltwater

brackish freshwater

unknown

		· · · ·
survey area: Housatonic River, East Branch	TZII North	Date: 12 November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie County: Berkshire Rob Roy Schoonerd (Biophysical Region:)	uses 7.5 Quad Pitts field East 1:25,000 7.5 x 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas);

VEGETATION / HABITAT

EGETATION/ HABITAT		
Observation Point 1 T2\\	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Community type:	Community type:
Soil Allovial sitt	Sailt	Sail:
Siope, aspect, topography flot to 42°, 120° mag., flot phiu with Steep bank into river	Siope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer: Total cover (%): 70 Acer negundo	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall strub layer. Total cover (%) 10 Soldhum dulcomera Ulmus gmericana	Sapting / tail shrub layer: Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) 10 Louiceia Morrowii Solgnum d'Uconfra Sanhucus conodeusis	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer: Total cover (%) 60 Pod Nemoralis Matteuccia Stinthicpteris Agrostis Stoknifera Zizea gurea	Herb layer: Total cover (%)	Herb layer. Total cover (%)
Bryoid layer: Total cover (%) Essentially abscut	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Cther diagnostic or notable species: Phalois awadivacea	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: worn path through connomity.	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected plots (sca)? Yes, 50% 40' T210, the desired point is at the confinence cares? Yes and therefore, survey	Additional data collected / COMMENTS plots (size)? tipe cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

. Point neved upshian 50 feet.

DENTIFIERS / LOCATION

Area (specific/general): Housatonic River, East Branch			T2/1 North Obs. PL # T2/1 N	
Community type: Floo	odplain /Eo	rly Successional folest	Adjacent communities:	
Quad it is field East	(Lat.:)	Size (acres) of community EO	BE SURE TO MAP EXTENT OF COMMUNITY ON TOPO. Distinguish between portions ground-truthed	
(Quadcode:)	(Lang:)	(not site):	vs. portions presumed to be part of community bas solely on photo/map interpretation, where applicable	
LASSIFICATION HIE	RARCHY			
Physiognomy (Class)		Phenology (Subclass)	Leaf type (Group)	

Physiognomy (Class) forest woodland shrubland dwarf shrubland herbaccous sparse vascular/nonvascular	Phenology (Subclass) evergreen woody deciduous woody mixed woody perennial annual	Leaf type (Group) broad-leaf woody needle-leaf woody graminoid foro pteridophyte non-vascular
(AL! IANCE)		

ADDITIONAL DATA FOR FORESTS

Tree canopy height 50 fee t	Core data: ring counts (- 5 cores) of larger trees (give sp. & dbh) () Acc wegundo	Deadwood (describe distribution, abundance, degree of decay): 5 one decodwood, largely aloseut.	·
supercanopy trees?	14 inch albh, 37 Abp (2) Acer platouoides		
	7 inch don , 21 76P		

HISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.)

Fire:	Wind:	Cutting:	Agriculture:	Impoundment
NC	No	No	. 100	NO
& • •				
	1 paru tusough co.	unity.		<u> </u>

ADDITIONAL SPECIES LIST

List additional plant species in community	not included in the plot data that fo	ollows. Rumex orispus	Species list sketchy or basically complete?
Sambucus Canadensis	Symphiotrichum laterifi	Drum Pagnemoralis	Comment. Relative complete
Geum canadense	Rudbeckia lacineata	Plantago rugelii	Echinocystic lovata Barbarea unigaris
Celastrus orbiculatus	Solidago rugosa		
Clematis occidentalis	Carex (vegetative)		(subsp. glandulosum)
Acer rubrum	Myosotic scorpioides	Callistriche cf. p	alustris
Peathorum sedoides	Bromus latiglumus	Eupatorium Merclatur	

Arez Housetonic Riv	ver, East Branch					Obs. pt. #	.T2/1	N
community type: Floodpla	in / Early Succession	ough forest	(Region	nal alliance/com	munity:)	• •	• • • • • • • • • • • • • • • • • • • •	
LAYER .	plot # T209				•	•		
TREE ist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species.	Acer negunda 12", 14," 11," 12"		• ,				. . .	
QUAD SIZE: SOX 40 Feet note which size used 5.54 m radius for 1/100th ha	4 mus americana			# · · · · · · · · · · · · · · · · · · ·				
7.98 m radius for 2/100th ha use same size throughout	• ,							
SAPLING / TALL SHRUB cover class by species of trees > 2 m tail but < 5 cm dbh; and shrubs > 2 m tail QUAD SIZE: 2.8 m radius or 25 m²	Solanum dulcamera(9						•	7
SHRUB cover class by species of shrubs/trees 1 - 2 m tall.	Lonicera morrowii (3)							
QUAD SIZE: 2.5 m radius or 25 m²								
QUAD SIZE:	Argeration altissimo (B)	Lythrum Sal. Solanum dul. Elymus riparius Lysimachia numi	mu larila	A				
left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!	Solidago gigantea (3) Agrostis stolon. (19) Phalaris arun. (9) Metteuccia stru. (3)	Zizu auica	(9)		•			
BRYOID ground-layer mosses, liverwort, lichens in hero quads. resolution (check one):*moss*_"liverwort"_lichen* only;identified to major group;identified to genus;identified to species.	Escentiallabseut	•						
REMARKS								

in ocx on previous page, list plant sob, present in the community out not in the sample plots so we have a complete species list.

* cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

3 a 4

TOPOGRAPHY / SOILS Housatonic River, East Branch Obs. pt. # T24 No196 Floodplain/Early successional forest (Regional alliance/community:) Соптиніту тура: Microtopography: Slope: Flat with a 42° Shert Aspect 120° **Elevation**: flat shelf with a moderately sloped bank to river measured? 294 meters magnetic or true? bauks. Habitat patchiness (describe zones or patches if position: Topographic ρH present): P low plain, level TB hillside uniform along river. C crest terrace/bench T toe of slope M high plateau US upper slope LS lower slope (note kit or meter N narrow valley MS middle slope E cliff/ledge D drainage channel type) Surficial deposit Average Texture: Surface: Mineral Soil Profile: __% Bedrock gravel bedrock metting other horizon depth (cm) color % Boulders (>50 cm) sand taius sicce 0 % Cabbles/Gravel learny sand / sancy glacial till loam A () % Bare mineral soil moraine lcam E _% Organic soil esker/outwash silt lcam 90 % Litter (note type) 8 ciacial delta broadleaf/Pteriolophyto clay learns % Water lacustrine/fluvial C sandy day / day 50 % Total vegetation marine peat Orcanic Soil Profile: Other: aeolian muck peat depth: _____cm OR > 1 m___ other. vonPost decomposition:__ Soil stoniness: Bedrock type: Igneous Sedimentary v. little (< 1%) ALL SOILS: granite limestone dicritic other sedimentary DEPTH TO WATER TABLE:__ moderate (2-25%) gabbroic other igneous DEPTH to OBSTRUCTION:_ very (25-100%) details? Metamorphic Soil temperature reading _____ F/C at _____ _ (depth) sizte/phyllite schist/gneiss other metamorphic Hydrologic regime: Drainage & moisture regime (see MAPPSS key): upland very poorty drained nontidal wettand: poorty drained permanently flooded semiperm'ly flooded somewhat poorty drained seasonally flooded saturated moderately well drained

well drained

excessively drained

somewhat excessively drained

tidal - irregularly

tical - regularly saltwater

brackish freshwater

unknown

VATURAL COMMUNITY SURVEY PART I: RECONNAISSANCE

Maine Natural Areas Program

DEMIFICATION	
Survey area: Housatonic River, East Branch	Date: 12 November 1998
(Site name:) TOYOS	(Quadcode:) Airphoto (#. scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Vickie Schomund (Biophysical Regions)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 Minote
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo or Maine Atlas): See MGP

VEGETATION / HABITAT

Observation Point 1	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successioner	Continuity type:	Community type:
Soit (Forest)	Sait	Soilt
Since aspect topography 9°Mag., Flat terrace above viveur	Siope, aspect, topograpity:	Slope, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant sop, for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer. Total cover (%): A cer negundo Ulmus omericana	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer: Total cover (%)	Sapting / tail shrub layer. Total cover (%)	Sapling / tall shrub layer. Total cover (%)
Shrub (1-2 m) layer: Total cover (%) Louicela Mossowii Euonymus europaea	Shrub (1-2 m) layer. Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Hero layer. Total cover (%) frageria uilginiana Pod nemoralis Ageratina altissima	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer. Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Agriculture south of pbt	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (sca)? 50 x 40 fee t tree cores? 905 photos? 905	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

in ocx on previous page, list plant 500, present in the community but not in the sample plots so we have a complete species list. 50-74% 63 75-100% 87 25-49% 37 * cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19

> p. ____ of ___ initials:

date:

TOPOGRAPHY / SOILS Housatonic River, East Branch Obs. pt. #: 70-5 Floodplain/Early successional forest (Regional alliance/community:) Community type: Microtopography: Pat Louise Aspect .90F Slope: Elevation: magnetic or true? measured or estimated? Habitat patchiness (describe zones or patches if Topographic position: present): thin zone of thees next TB hillside P low plain, level to deared, excessy lane C crest (toe of:slope terrace/bench M high plateau LS lower slope US upper slope (note kit or meter N narrow valley MS middle slope E diff/ledge type) D drainage channel Surface: Surficial deposit Average Texture: Mineral Soil Profile: __% Bedrock bedrock gravel horizon desth (cm) color metting other __% Boulders (>50 cm) taius sicce 0 loamy sand / sandy giaciai till _% Cabbles/Gravel Α lcam _% Bare mineral scil moraine E esker/cutwash _% Organic soil siit leam 3 _% Litter (note type) ciacial delta ctay !cams lacustine/fluvial % Water C sandy day / day _% Total vegetation marine peat Organic Soil Profile: aeclian _ Other. other. venPest decomposition:___ Soil stoniness: Bedrock type: icneous Sedimentary ALL SOILS: v. little (< 1%) granite limestone dicritic other sedimentary DEPTH TO WATER TABLE:___ moderate (2-25%) gabbroic other igneous DEPTH to OBSTRUCTION:____ very (25-100%) details? Metamorphic Soil temperature reading ______ F/C at _____ state/onvilite schist/gneiss other metamorphic Hydralogic regime: Drainage & moisture regime (see MAPPSS key): uptand very poorly drained nontidal wettand: poorty drained permanently flooded semiperm'ly flooded somewhat poorly drained seasonally flooded

moderately well drained

excessivery drained

somewhat excessively drained

well drained

- جو رساند

-

saturated

tidal - irregularly

tical - regularly saltwater

brackish freshwater

unknown

survey area: Housetonic River, East Branch	Date: 12 November 1998
(Site name:) FO8OS	(Quadcode:) Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lorfie Bob Roy Schonard (Biophysical Region:)	usgs 7.5 auget Pitts field East 1:25,000 7.5 x 15.0 made
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo or Maine Atlas):
sacrines field a foccessify as centry the topic.	See Map.
	A i

VEGETATION / HABITAT

Observation Point 1	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Community type:	Community type:
Scit [forest]	Sait	Soit:
Siope, aspect, topography 344°M	Siope, aspect, topography:	Siope, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA : cover & 1-2 dominant sco. for each
Tree layer: Total cover (%): Acer regundo Populus del toides	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall strub layer. Total cover (%) COTNUS AMOMUM EUONYMUS EUIOP9EA	Sapling / tail shrub layer: Total cover (%)	Sapling / tall shrub layer. Total cover (%)
Shrub (1-2 m) layer. Total cover (%) Evonymus Curopaea Rhomnus Cothortica	Shrub (1-2 m) layer. Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Hero layer Total cover (%) A geratina altissisha Solidago Flexicaulis Equisetum avenge	Herb layer. Total cover (%)	Herb layer. Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Agriculture in goldacent aveas	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? 50 x 40 Feet tree cires? 110 photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

2. ____ of ____

TURAL COMMUNITY SURVEY PART II: DESCRIPTION minister separate description forms for each notable natural community on reconnaissance page. INTIFIERS / LOCATION Obs PL # 80-5 res (specificigeneral): Adjacent communities: Riverine / Old Field customity type: (Lat.) Size (acres) of BE SURE TO MAP EXTENT OF COMMUNITY ON عصر CE victorium TOPO. Distinguish between portions ground-truthed (not see! vs. portions presumed to be part of community based (Long:) (العصصدة solely on photo/map interpretation, where applicable. ASSIFICATION HIERARCHY Leaf type (Group) Physiognomy (C'225) Phenology (Subcrass) (intest) evergreen woody broad-leaf woody needle lear woody woodizne decancia woody mixed woody grammord sampiand cwarf sanctions perennizi tom hereaccous annual ptendochyte sparse vascularmenvascular חסח-vascutar (ALLIANCE) DDITIONAL DATA FOR FORESTS Care cata: Deadwood (describe distribution, abundance, degree of decays: 3 tree limbs 10+2" dia 20' lim nng counts (- 5 cores) of larger 75' trees (give sp. & dbh) Injury on ground in plat - still a barle on -; ~10 smaller 2-3"dia limit. supercancey trees? 5-10' long on ground want bank HISTORY (cesambe evidence or lack thereof; please do not leave boxes blank, indicate approximately how recent where possible.) Fire: Wind Cutting: Impounament Yes in alt COMMENT ADDITIONAL SPECIES LIST List additional plant species in community not included in the plot data that follows. Species list sketchy or basically complete? Comment (Epip. hellib. Aren platan. Corn. sorireq Aren sadharum. -- lid-grzan. Pra paiast. Vib. dentalum Berh. thunb. Vinc sp. Allaria offic.

n dox on previous pade, list blant spb. present in the community but not in the sample plots so we have a complete species lis

cover classes (record midpoint): < 2 1 2-5% 3 5-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

SPOGRAPHI, C.					
Community type:				(Regional alliancerconsmunsy:)	DLF E
Sevanor /	Aspect 344	Slope:	d?	Microtopograpny:	
(note kit or meter type)	Topographic P low plain, level T toe of stope LS lower stope MS media stope	position: TB hillside terrace/bench US upper stope E cliff/ledge	C crest M high piateau N narrow valley D dramage chai	Ť	ones or paumes d
Mineral Soil Profile:			Surficial deces	Surface:	Average Texture:
המרביםת כפסות (בד	n) caler mettling	other	bearocx	% Bearoex	grave:
0		•	taius sicoe	% Boulders (>50 cm)	sand
A			glacial till	% Cabbles/Gravel	loamy sand / sandy
.			eskerrounwasn	% Crganic soil	lcam
3			giaccai cetta	% Liber (note type)	silt loam
С	,		lacustimentuvia	ii% Water	ciay icams
Creanic Soil Profile:			тапле	% Total vegetation	sancy cay / cay
pest depti:	CR CR > 1 m	· /	aeotian	Other:	pezt
vonPost decomposition			other:		11000
ALL SOILS:			Bedrock type: Igneous	Sedimentary	Soil stormess:
DEFTH TO WATER TA	ELE:		granite dicritic	limestone other sectimentary	v. little (< 1%)
: DEFTH to CESTRUCT	TCN:		gaboroic other igneous		moderate (2-25%)
Soil temperature reading	ng F/C at /	(desin)	Metamorphic state/phyllite schist/gneiss		very (25-100%)
	/		other means		
•			Drainage & mo	cisiure regime (see MAPPSS key):	Hydrologic regime:
			very poorty	drained	upland
1			poony drain		nontidal wettand: permanently flood
				poony drained well drained	sempermity flooder seasonally flooder samualled
			well drained		tidal - irregulariy
I				• excessively drained	tidal - regularly saltwater
			excessively	•	braccish freshwater
					unknown

survey area: Housatonic River, East Branch		Date: 12 November 1998
(Site name:) T086-S	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie County: Berkshire Bob Roy Schonnerd (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	r Maine Atlas):
· · · · · · · · · · · · · · · · · · ·	5ee Map	

VEGETATION / HABITAT

EGETATION/ HABITAT		1	
Observation Point 1	Observation Point 2	Observation Point 3	
Community type: Floodplain/Early successioned			
Soil:	Sait	Soit	
Siope, aspect, topography flot 312°M	Slope, aspect, topography:	Slope, aspect, topography:	
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA*: cover & 1-2 dominant soo, for each	
Tree layer: Total cover (%): Acer negundo Ulmus americana	Tree layer: Total cover (%):	Tree layer: Total cover (%):	
Sapling / tall shrub layer. Total cover (%) Loyicera Mossawii Rosa Multiflosa	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer. Total cover (%)	
Shrub (1-2 m) layer. Total cover (%) Lowicera molicuii Rosa multiflora	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer. Total cover (%)	
Herb layer. Total cover (%) Fallopia ja polica Solidago gigant Ea Poq nemoralis	Herb layer: Total cover (%)	Herb layer: Total cover (%)	
Bryoid layer. Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:	
Condition / evidence of human use: Clearing for Agriculture and vesidence in adjacent areas	Condition / evidence of human use:	Condition / evidence of human use:	
Additional data collected / COMMENTS plots (size)? 50 x 40 feet tree cires? 409 photes? 409	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?	

IATURAL'COMMUNITY SURVEY PART II: DESCRIPTION complete separate description forms for each notable natural community on reconnaissance page. DENTIFIERS / LOCATION Housatonic River, East Brauch Obs. Pt # 88-5 Area (specific/general): Floodplain / Early Successional forest Adjacent communities: Old field, vivor Community type: (Lat.:) Size (acres) of BE SURE TO MAP EXTENT OF COMMUNITY ON Quad. community EO TOPO. Distinguish between portions ground-truthed (not site): vs. portions presumed to be part of community based (Quadcode:) (Long:) solely on photo/map interpretation, where applicable. LASSIFICATION HIERARCHY Leaf type (Group) Physiognomy (Class) Phenology (Subclass) evergreen woody broad-leaf woody (prest) deccuous woody needle-leaf woody wccdland Shrubland mixed woody graminoid perennial forto dwarf shrubland annuai pteridophyte heroaceous non-vascular sparse vascular/nonvascular (ALLIANCE:) ADDITIONAL DATA FOR FORESTS Deadwood (describe distribution, abundance, degree of Тлее сапору Core data: decay): 3 standing leaving over limbs 6-8" diam 10-80'long in plut ring counts (~ 5 cores) of larger heicht trees (give sp. & dbh) 40' VIMUS EMERICANA (dead A. negundo); for scattered Sinch alon, 30 feetfall, 19 ybp supercanopy Trubs in ground of out back trees? Jugians cinerea Acer negundo 22 inch albh. 50 reet,) 31ybp HISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.) Cutting: Cleared Agriculture: Impoundment Wind: Fire: affer to be all field for agric, & resid/comm. COMMENT ADDITIONAL SPECIES LIST Species list sketchy or basically complete? List additional plant species in community not included in the plot data that follows. Comment .

List additional plant species in community not included in the plot data that follows.

Euronym, Fortuni

Hrugaris mu translis

	er, East Branch			Obs. pt. #: 88-5
Community type: Floodplain / Early Successional Forest (Regional alliance/community:)				
LAYER	plot #			
ist species and dith for all trees >= 5 cm dith; count standing dead as 1 species. note units: QUAD SIZE: 50' × 40' note which size used	A negardo 12,10 I. cinoven 4 Ulm. amor. 5			
5.64 m radius for 1/100th ha 7.98 m radius for 2/100th ha use same size throughout				
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall CUAD SIZE: 20 x 20 23 m radius or 25 m²	Rham cathertia 9 Rusa multitura 19 Lunizara murranii 37 Vitis ripavia 9 Mahas sp. 1 Cornus amumum 1			- · 7
SHRUB cover class by species of shrubs/trees 1 - 2 m tall. QUAD SIZE: 20 + 20 28 m radius or 25 m²	Bebon's thumbergi. 3 Lunrenze marrovii pa Rubus accidentulis 1 Rusa multi flura 19 Salix bobb.*			
HERB cover class by species for all herbaccous plants <u>plus</u> any woodies < 1 m tall QUAD SIZE: 20 £20 1 m², 2-4 herb quads per tree plot. Enter individual values in left-hand column, Remember the zeros for spp present in some but not all herb quads when figuring averages!	Sclid. gigantea 3 Fellavia japanica 9 Allavia officia. 3 Phalavia officia. 1 Goum alip. 3 Fragura virg. 1 Poo nomuralis 3 Ribes cyndroti 1 Actor sp			
BRYOID ground-layer mosses, liverwort, lichens in herb quads, resolution (check one);*moss*/*liverwort/*lichen* only;identified to major group;identified to genus;identified to species.	Ø	•		
REMARKS .			_	

in pox on previous page, list plant spp. present in the community out not in the sample plots so we have a complete species list.

^{*} cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

GRAPHY / SOILS Housatonic River, East Branch 2-138 Obs. pt. #." Floodplain/Early successional forest (Regional alliance/community:) Community type: Aspect 3/24 flat Microtopography: Slope: Elevation d (11\,/ (magnetic) or true? measured or estimated? Habitat patchiness (describe zones or patches if Topographic position: ρH river bank u shoubs/trees, away P low plain, level TB hillside C crest T toe of slope terrace/bench from bank it becomes domin by M high plateau LS lower slope US upper stope (note kit or meter N narrow valley nerbs/shubs MS middle slope E cliff/ledge D drainage channel type) Surface: Average Texture: Surficial deposit Mineral Soil Profile: % Bedrock gravel horizon depth (cm) color mottling other bedrock sand) _% Boulders (>50 cm) talus sicpe 0 giaciai till % Cabbles/Gravel learny sand / sandy lcam % Bare mineral soil moraine leam Ε _% Organic soil eskericutwash silt Icam 90 % Litter (note type) 3 giaciai delta clay loams % Water lacustrine/fluvial C sandy day / day __% Total vegetation marine peat Organic Soil Profile: Other aeclian muck QR > 1 m peat depth:_ other allyvial venPost decomposition; Soil stoniness: Bedrock type: Igneous Sedimentary ALL SOILS: v. little (< 1%) granite limestone dicritic other sedimentary DEPTH TO WATER TABLE: moderate (2-25%) gabbroic other igneous DEPTH to OBSTRUCTION:_ very (25-100%) details? Metamorphic Soil temperature reading _____ F/C at _____ (depth) state/phyllite schist/gneiss other metamorphic Drainage & moisture regime (see MAPPSS key): Hydrologic regime: B. Ray fork photos. upland very poorty drained nontidal wettand: poorty drained permanently flooded semiperm'ly flooded somewhat poorly drained seasonally flooded saturated moderately well drained tidal - irregularly well drained tidal - requiarry saltwater somewhat excessively drained brackish

excessively drained

freshwater

unknown

DENTIFICATION		
survey area: Housefonic River, East Branch		Date: 12 November 1998
(Site name:) TIOOS	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie John Roy Schonword (Biophysical Region:)	USGS 7.5 Quade Pitts field East 1:25,000 7.5 X 15.0 Minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo of SEC $Mq p$	ır Maine Atlas):

VEGETATION / HABITAT

Observation Point 1	Observation Point 2	Observation Point 3	
Community type: Floodplain/Early successional	Community type:	Community type:	
Sait [forest]	Sait	Sait	
Siope, aspect, topography 23°M on 5'00°C	Siope, aspect, topography:	Sicpe, aspect, topography:	
STRATA*: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant soo, for each	
Tree layer: Total cover (%): Acer platauoides Acer negundo:	Tree layer: Total cover (%):	Tree layer: Total cover (%):	
Sapting / tail snrub layer. Total cover (%) Acer negondo Acer platanoides	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)	
Shrub (1-2 m) layer. Total cover (%) Berbers thumbergee Rosa Multiflora	Shrub (1-2 m) layer. Total cover (%)	Shrub (1-2 m) layer. Total cover (%)	
Herblayer Total cover (%) Alliania officinalis Ageratina altissisma Chelidonium Masus	Herb layer: Total cover (%)	Herb layer: Total cover (%)	
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	
Other diagnostic or notable species:	Other diagnostic or notable species:	Cther diagnostic or notable species:	
Condition / evidence of human use: Residences adjacent to community	Condition / evidence of human use:	Condition / evidence of human use:	
Additional data collected / COMMENTS plots (size)? 50 x 35 Feet tree cires? Yes photos? Yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?	

VATURAL'COMMUNITY SURVEY PART II: DESCRIPTION

Somplete separate description forms for each notable natural community on reconnaissance page.

DENTIFIERS / LOCAT	ΠΟΝ				
Area (specific/general):	Housatonic Ri	ver, East Branch	n -50' x35'	Obs.	Pt # /0U-S
Constructity type:	odplain / Early	Successional folest	Adjacent communities;		
Quad:	(Lat.:)	Size (acres) of community EO	BE SURE TO MAR		
(Quadcode:)	(Long:)	(not site):	vs. portions presur salely on photo/ma	med to be part	of community based
LASSIFICATION HIE	RARCHY				
Physiognomy (Class) forest woodland shrubland dwarf shrubland hertaccous sparse vascular/nonvascu	ilar	Phenology (Subclass) evergreen woody deciduous woody mixed woody perennial annual	9	eaf type (Group) broad-leaf woody needle-leaf woody graminoid forb oteridophyte non-vascular	
(ALLIANCE:)					
IDDITIONAL DATA FO	OR FORESTS				
supercancpy trees? Acer 16 included the supercance of the superc	data: Dunts (-5 cores) of larg (give sp. & dbh) platanoides odloh, 60 ft.tall, 29, ch abh, 50 ft.tall, 26, inequada , 40 feet, 24 ybp	er decay):	stribution, abundance, des s ~ 12-14" diam. burk de partialle, port thated or so red limbs on so		:
IISTORY (describe eviden	ice or lack thereof; pleas	se do not leave boxes blank.	Indicate approximately ho	w recent where po	essible.)
Fire:	Wind:	Cutting:	Agriculture:	•	Impoundment
Ø	Ø	Ø	6		0
& · ·					
commence Adj. av	tecs have rest	d./ comm. devolopin	ment; suils cu	Louk are	man-made
DDITIONAL SPECIES	LIST				
List additional plant specie	s in community not incl	ided in the plot data that follow	nws.	Species list sket	chy or basically complete?

List additional plant species in co	Species list sketchy or basically complete?	
Euonymus Gertuni	Vitis riparia	Comment
Eurym. europ.	Circue lutetiana ssp. canadensis	
Matt. struthing	Rubus accidentals	·
Cétastrus orbiculai	tus	
ltesp. majus		

Area: Housetonic Riv	er, East Brauch			Obs. pt. #: 100.5
Community type: Floodpla	in / Early Succession	ough forest	(Regional alliance/community:)	
LAYER .	plat #			the part of the pa
TREE list species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units: QUAD SIZE: 50 ×35	Ace platan. 4, 3, 11, A. negundo 5, 5, 6	16,5,3,3 ,2,10,11		
note which size used 5.64 m radius for 1/100th ha 7.98 m radius for 2/100th ha use same size throughout	,			
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall QUAD SIZE: 2.3 m radius or 25 m²	Acernezundo 9 A. platun. 9		-	
SHRUE cover class by species of shrubs/trees 1 - 2 m tall.	Berberis Humbergii 9 A. neyundo 9 Rusu multiflua 9			
QUAD SIZE: 20 × 20 2.3 m radius or 25 m²				
HERB cover class by species for all heroaccous plants blus any woodles < 1 m tall	Poa nemovalis Alluvia officin. Symphist. sp.			
QUAD SIZE: 20120 1 m², 24 herb quads per tree plot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!	Agaration 9 Chelid majus 9 Geum chipadence 3 Symph laterifle 3			
BRYOID ground-layer mosses, liverwork, lichens in herb quads. resolution (check one):moss*/Tiverwork*/Tichen* only; _identified to major group; _identified to genus; _identified to species.				
REMARKS			·	
n box on previous pade, list t	l plant soo, present in the	community but no	t in the sample plots so we	a nave a complete species ils

*cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

GRAPHY / SOILS

TARE HOUSatour RI	ver, East Branch	,	Cbs.	pt.#: 100-5
Community type: Floodplaid	n/Early successiona	l forest (Region	nal alliance/community:)	
!	23" A Slope: or true? measured or es	timated?	Microtopography: rill erusia wood ahu ah bununs cr	in an shipe t sented pit 4
(nota kit or meter LS lower	· · · · · · · · · · · · · · · · · · ·	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (describe zi present): few piles of lo espused suil from one dense in sputs	enes or patenes if with paper, sion; leaf litter
Mineral Soil Profile: horizon depth (cm) color	mottling other	Surficial deposit	Surface:% Bedrock	Average Texture: gravel
O A E B C Creanic Soil Profile: peat depth: cm OR: vonPost decomposition: ALL SOILS: DEPTH TO WATER TABLE: DEPTH to OBSTRUCTION:		glacial till moraine esker/outwash glacial delta lacustrine/fluvial marine aeolian www.wu/e e other: Alluvial Bedrock type: Igneous granite dicritic gabbroic other igneous Metamorthic	% Boulders (>50 cm) % Cobbles/Gravel // % Bare/mineral soil % Organic soil leaf 60 % Litter (note type) % Water 30 % Total vegetation Other: Sedimentary limestone other sedimentary details?	learny sand / sandy learny sand / sandy learny sand / sandy learny silt learny clay learny clay learny clay learny clay / clay peat muck Soil stoniness: v. little (< 1%) moderate (2-25%) very (25-100%)
Soil temperature reading	F/C at (dept	schist/gneiss other metamorphic	drained trained sively drained	Hydrologic regime: upland nontidal wettand: permanently flooded semiperm'ly flooded seasonally flooded saturated tidal - irregularly tidal - regularly saltwater brackish freshwater unknown

Additional data collected / COMMENTS

pious (sce)? 50 x 30 feet

tree cores? yes

photos? yes

		<u> </u>
survey area: Housafonic River, East Branch		Date: 12 November 1998
(Site name:) TIOS	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Schonard (Biophysical Region:)	uses 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 minute	·
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):

VEGETATION / HABITAT Observation Point 1 Observation Point 2 Observation Point 3 Community type: Floodplain/Early successional Community type: Community type: FOIESE (Sait . Soil: Soit Sione, aspect, topography Siope, aspect, topography: Slope, aspect, topography: 328°M, Steep Stope STRATA: cover & 1-2 dominant spp. for each STRATA: cover & 1-2 dominant sop, for each STRATA: cover & 1-2 dominant soo, for each Total cover (%):___ Total cover (%):_____ Total cover (%):_____ Tree layer. Tree laver. Tree layer: Acer negundo Ulmus americana Sapling / tall shrub layer. Total cover (%)___ Sapiing / tail snrub layer: Total cover (%)_____ Sapling / tail shrub layer. Total cover (%)____ Acer negundo Acer plataroides Shrub (1-2 m) layer: Total cover (%)____ Shrub (1-2 m) layer. Total cover (%)___ Total cover (%)____ Shrub (1-2 m) layer. Rosa Multiflora Celastrus orbiculatus Total cover (%)____ Total cover (%)_____ Herb layer: Herb layer. Herb layer. Total cover (%)____ Rosa Multiflora Solgyum dulcomera Alliaria petiolata Total cover (%)_ Bryoid layer. Total cover (%)____ Total cover (%)____ Bryoid layer. Bryoid layer. Other diagnostic or notable species: Other diagnostic or notable species: Other diagnostic or notable species: Condition / evidence of human use: Condition / evidence of human use: Condition / evidence of human use: Refuse heaps thrown over Wank; concrete and asphalt

Additional data collected / COMMENTS

plots (size)?

tree cores?

photos?

p. ____ of ____ initiats:

Additional data collected / COMMENTS

plots (size)?

tree cores? photos?

IATURAL COMMUNITY SURVEY PART II: DESCRIPTION

> complete separate description forms for each notable natural community on reconnaissance page.

Area (specific/general):	Housatonic Riv	er, East Branch	1 50 x 3 0	Obs. Pt.# //U S
Community type: Floo	odplain / Early	Successional folest	Adjacent communities: Pan	king Let; Rivor
Ωuad±	(Lat.:)	Size (acres) of community EQ		ENT OF COMMUNITY ON veen portions ground-truthed
Quadcodet) .	(Long:)	(not site):		be part of community based erpretation, where applicable.
ASSIFICATION HIE	RARCHY			
hysiognomy (Class) forest woodland snrubland dwarf shrubland herbaccous sparse vascular/nonvasc	ular .	Phenology (Subclass) evergreen woody decicluous woody mixed woody perennial annual	Chroad-l	phyte
ALLIANCE)				
DITIONAL DATA F				
Pines 9 inc Act 13 inc Act Act 13 inc	us americana wabh, 40 ft, tall, 32 y in albh, 50 ft, tall, 38 wlus hipporastayum wabh, 35 ft tall, 30	Joh Joh	turowa over boink	
STORY (describe evide	nce or lack thereof; pleas	se do not leave boxes blank.	Indicate approximately how reco	
Fire:	Wind:	Cutting:	Agriculture:	Impoundment
		nade - luts ef	asphalt, concrete	, inort All
DOITIONAL SPECIE	SLIST			
ist additional plant speci		uded in the plot data that fol	· · · · · · · · · · · · · · · · · · ·	cies list sketchy or basically complete ment
Arsculus hippo	castanum		•	
Arsculus hippo Vitis riparia Cornus amumi				
Vitis riparia	ym a			

Community type: Floodplein	r, East Branch Early Succession Forly Succession Forly Succession Forly Succes	ma forest	(Regio	nal alliance/comm	unity:)	, .			
			7.	Community type: Floodplain / Early Successional Forest (Regional alliance/community:)					
TREE	1. americana 9,9								
ist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species.	A. negundo 6, 5,6,7, A. platun. 5,4,4 Accouslus, hippucasta	:	· · · · · · · · · · · · · · · · · · ·		•	-			
7.98 its radius for 2/100th ha use same size throughout!	,								
	Acer negando 9 4. pluton. 9 Rosa multiflom 9								
cover class by species of	Rush multiflum 63 Celustric orthodolus 9 A. plutanoides 3								
HERS cover class' by species for all herbaceous plants olus any woodies < 1 m tall QUAD SIZE: 20 X 20 L 1 m², 2-4 herb quads per tree plot. Enter individual values in left-hand column and average in right-hand column. Remember the rems for son present in	tllarta officia. 20 palustris valanum dulenmara 3 Rusa multiflum 2 Rusa multiflum 2 Rusa multiflum 1 Rusa mujar 1 Rusarum officia 1 Denotypa bienais 1 Rusarum dia 1								
BRYOID ground-layer mosses, liverwort, lichens in herb quads. resolution (check one):'moss'/'liverwort/'lichen'' only;identified to major group;identified to genus;identified to species.		•							
REMARKS									

in box on previous pade, list plant spb. present in the community out not in the sample plots so we have a complete species list.

^{*} cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

DGRAPHY / SOILS

Arez Housat	ouic River, Eas	it Branch		Obs	. pt. #' //O-S
Community type: F	loodplain/Early	Successio hal	forest (Regi	onal alliance/community:)	
Elevation:	Aspect 328º A	Slope: measured or estima	sted?	Microtopography: Pit dimensional transfer of the street	
pH (note kit or meter type)	Topographic P low plain, level T toe of slope LS lower slope MS middle slope	position: TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (describe a present): bare patchers a decoding call between shabe / trees - crawletter is variability but clistarbane	of concrete, asphalt n pateurs of 1 between lots
Mineral Soil Profile:			Surficial deposit	Surface:	Average Texture:
horizon depth (cr	n) color mottling	other	bedrock	% Bedrock	gravel
0		1.	taius sicpe	% Boulders (>50 ст)	sand
		/	glacial till	% Cabbles/Gravel	learny sand / sandy
		/	moraine	% Bare mineral soil	loam
E			esker/cutwash	% Organic soil	silt loam
			glacial delta	% Litter (note type)	ctay loams
C Orcanic Soil Profile:	_cm OR > 1 m		marine way way acciden soil	Water "Total vegetation Other: MUN-WARE	sandy day / day concrete peat grante/ muck
VonPost decomposition ALL SOILS: DEPTH TO WATER TO DEPTH to OBSTRUCT Soil temperature read	ABLE:	(depth)	Bedrock type: Igneous granite dioritic gabbroic other igneous Metamorphic state/phyllite schist/gneiss other metamorphic	Sedimentary Imestone other sedimentary details? MUN-Mude	Soil stoniness: v. little (< 1%) moderate (Z-25%) very (25-100%)
			Drainage & moistur	regime (see MAPPSS key):	Hydrologic regime:
			very poorly drain	ed	upland
			poorty drained somewhat poorty moderately well		nontidal wetland: permanently flooded semiperm'ly flooded seasonally flooded saturated
	_		well drained .	ssively drained	tidal - irregularly tidal - regularly saitwater
	٠.		excessively drai		brackish freshwater
					unknown

survey area: Housatonic River, East Branch		Date: 12 November 1998
(Site name:) /20-5	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Victie Schonword (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 nixete	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	ır Maine Atlas):

VEGETATION / HABITAT

Observation Point 1	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Community type:	Community type:
Soil:	Sait	Sail:
Siope, aspect topography 329%, Steep Slope	Siope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA*: cover & 1-2 dominant spp. for each
Tree layer: Total cover (%): Acer negundo Ulmus americana	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer. Total cover (%) Cornus alternifolia Fraxinus americana	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer. Total cover (%)
Shrub (1-2 m) layer. Total cover (%) ROSA MUIT Flora Rubus accidentalis	Shrub (1-2 m) layer. Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Hert layer. Total cover (%) Solidago flexicaulis Symphyphichum la leifloium Rhomuus cathartica	Herb layer: Total cover (%)	Herb layer. Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer. Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use:	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? 50 X40 feet tree cires? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

p. ____ of ___ initiats:

ITIFIER!	S / L	.OCA	NOT

Area (specific/general):	Housatonic	River, East Branc	Obs. Pt # /2C -S
Community type: Flo	odplain /Ea	rly Successional folest	Adjacent communities: Youd, Viver
Quadt	(Lat.)	Size (acres) of community EO	BE SURE TO MAP EXTENT OF COMMUNITY ON TOPO. Distinguish between portions ground-truthed
(Quadcode:)	(Lang:)	(not site):	vs. portions presumed to be part of community based solely on photo/map interpretation, where applicable.
ASSIFICATION HIS	RARCHY		
Physiognomy (Class) torest woodland shrubland dwarf shrubland		Phenology (Subclass) - evergreen woody deciduous woody mixed woody perennial annual	Leaf type (Group) hmad-leaf woody needle-leaf woody graminoid forb pteridophyte

ADDITIONAL DATA FOR FORESTS

supercanopy	Core data: ring counts (-5 cores) of larger trees (give sp. & dbh) Acer vequado 6: would bh, 45 feet tall, 24 ybp VIMUS americana 7 inch, 40 feet, 27 ybp Acer wegundo	Deadwood (describe distribution, abundance, degree of decay): 8 death trees 4-10" dia to 40' lung w & who burk; also 5% of Grest floor w decoying lambs & brankles	·
7	12 iyoli dbh, 55 feettall		

HISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.)

Fire:		Wind:	Cutting:	Agriculture:	Impoundment	
	φ	Ø	Ø	Ø	Ø	
.	· -		, in the second second			
COMMENT	Rupuvianl	Bould Zone w la	ire recks/builders	from vi-or Ly	slupe to	
	moment Repartian/Bank Zone w large rocks/builders from viver upslope to road these are covered w leat litter, dead wood, regulation - but this material was likely placed to stabilize bank					

ADDITIONAL SPECIES LIST

List additional plant species in community not included in the plot data that follows. Europeans for four	Species list sketchy or basically complete? Comment
Malus sp. Juglaus cinox	
Solid. Myesa	
Egnis, prestense.	

	ver, East Brauch				Obs. pt. #:	124-5
Contenually type: Floodple	in / Early Succession	ough forest	(Regio	onal alliance/community:)		
LAYER	plat #		,			_
IREE ist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units: SOXYO CUAD SIZE: note which size used 5.64 m radius for 1/100th ha	A. negundo 6, 12.2 U. amonicany 3,5,7 A. plutan. 3,3,3 Rhus typning 3					
7.98 m radius for 2/100th ha use same size throughout!	,			-		
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall $\mathcal{X}' \times \mathcal{J}c'$ CUAD SIZE: 2.3 m radius or 25 m²	A. platan. 3 Frazinus amoricana 9 Cornus attornif. 19 Ulm. amoric. 3 Vitis ripavias 3 Rhamans cathactea3					- · - 7
SHRUB cover class by species of shrubs/trees 1 - 2 m tall. QUAD SIZE: 20' < 20'	Rubus accidentates 9 Rusu multiplum 19 Lentrum munan, 3 Berboris Munbey; 1					
2.3 m radius or 25 m² HERS cover class' by species for all hemaceous plants <u>plus</u> any	Sclid. Alexicanhs 3 Rhammus carthera 3 Symphret. sp. Soleinum dulcum. 1 Solid. signata Symph. latentl. 1 Rumex cuspus Hlavra officia 1					
BRYOID ground-layer mosses, liverwort, lichens in herb quads, resolution (check one); "moss"/liverwort"/lichen" only; identified to major group; identified to genus; identified to species.	£ 1%					
REMARKS	_		*	٠		

in box on previous page, list plant sop, present in the community out not in the sample plots so we have a complete species list.

^{*} cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

OGRAPHY / SOILS Housatouic River, East Branch Obs. pt. #: 120 5 Floodplain/Early successional forest (Regional alliance/community:) Community type: Microtopography: not much miznetep-Aspect 329° A Slope: **Elevation**: steep, ruck enfined slape measured or estimated? magnetic or true? Habitat patchiness (describe zones or patches if Topographic position: Bauk ρH present): uniform thick chrub/trpe P low plain, level TB hillside C crest -regence. toe of slope terrace/bench M high plateau LS lower slope US upper slope (note kit or meter N narrow valley MS middle slope E cliff/ledge type) D drainage channel Surface: Man made Surficial deposit Average Texture: Mineral Soil Profile: gravel Nonbedrock % Bedrock horizon depth (cm) color mottling other made % Boulders (>50 cm) sand taius sicpe 0 clacial till % Cabbles/Gravel learny sand / sancy Α lcam _% Bare mineral soil moraine lcam __% Organic soil esker/cutwash siit leam 3 __% Litter (note type) giacial delta ctay loams _% Water C lacustrine/fluvial sandy day / day _% Total vegetation peat man made Orcanic Soil Profile: Other. muck cm OR > 1 m peat depth: other venPest decompositions Soil stoniness: Bedrock type: Igneous Sedimentary ALL SOILS: v. little (< 1%) cranite limestone dicritic other sedimentary DEPTH TO WATER TABLE: moderate (2-25%) gabbreic other igneous DEPTH to OBSTRUCTION:_ very (25-100%) details? Metamorchic Soil temperature reading _____ F/C at _____ (depth) mun-made state/phyllite schist/gneiss other metamorphic Hydrologic regime: Drainage & moisture regime (see MAPPSS key): upland very poorty drained nontidal wettand: poorty drained permanently flooded semiperm'ly flooded somewhat poorly drained seasonally flooded saturated moderately well drained tidal - irregularly well drained tidal - regularly

somewhat excessively drained

excessively drained

saltwater

brackish freshwater

unknown

DEI4111 IE160 I GOOMIST		
survey area: Housatonic River, East Branch		Date: 12 November 1998
(Site name:) /30-5	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Schonword (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 Minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	er Maine Atlas):

VEGETATION / HABITAT

Observation Point 1	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successionel	Continunity type:	Community type:
Soit	Soit	Soilt
Siope, aspect, topography 290°M, tc/race to steep bank	Sicpe, aspect, topography:	Slope, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant sco. for each
Tree layer: Total cover (%):	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Acer negurido. Acer platamaides Santing / tall snrub layer. Total cover (%) Acer platamaides Ultis ripana	Sapling / tall shrub layer: Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) Evolugmus fortune i Rosa multifloia	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) Bouymus fortune Louicera morrowi Fraxinus americana	Herb layer: Total cover (%)	Herb layer: _ Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Residential creas adjacent to plot	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? 50 × 25 feet tree cares? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

11 inch doby, 45 (cct tall,

ENTIFIERS / LOCA					
Area (specific/general):	Housatonic Ric	ver, East Branch	1		Obs. Pt. # 130-5
Community type: Flo	odplain /Early	Successional forest	Adjacent communiti	es: VIVEV;	read
Quad:	(Lat.)	Size (acres) of community EO			OF COMMUNITY ON portions ground-truthed
Quadcode:)	(Long:)	(not site):	vs. portions pre	part of community based tation, where applicable.	
ASSIFICATION HI	RARCHY				
Physiognomy (Class) forest woodland strubland dwarf strubland herbaccous sparse vascular/nonvas	cular	Phenology (Subclass) evergreen woody deciduous woody mixed woody perennial annual		Leaf type (Gro broad-leaf w needle-leaf v graminoid forb pteridophyte non-vascular	oody woody?
ALLIANCE:)					
DITIONAL DATA I	OR FORESTS				
height ring tree	e data: counts (~ 5 cores) of larges (give sp. & dbh) mus americana con 40 (cet tall)	Deadwood (describe di decay): 6, 20-40 lie on the gr some 1/2 decaye	l'lung, 6-8" dia	m. trees 1/0 bark;	:
supercanopy Actives?	er negundo ich, 35 feet ier negundo	litter >	par year	ď	

e:		Wind:	Cutting:	Agriculture:	Impoundment
			0	6	0
	,				
•	. -				

List additional plant species in con	munity not included in the plot data that follows.	Species list sketchy or basically complete?
Pag nomovalis Hespavia matranalis Genm canadomse Usalis Ef. strecta Tavaxaeman officinale Solid. Flexicallis	Epiluhium ciliatum 35P. glandulosum Symphistricum (ordi Elium Ecronymous eropea Crass 4p.#	Comment

Arez Housetonic Riv	ver, East Branch			Obs. pt. #: /20-5
Community type: Floodple	in / Early Succession	rugu Forest	(Regional alliance/community:)	
LAYER	plot #			
TREE ist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species, note units: QUAD SIZE: 50 Y 2 5 note which size used 5.64 m radius for 1/100th ha	A. negando 14, 13, 10, Ulm. amor. 6, 3, A. plant. 4, 2, 4, 3, 4 Aesc. hippocast. 3	11,9,7,9,7,4,	10, H	
7.98 m radius for 2/100th ha use same size throughout!	• ,			
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall QUAD SIZE: 2.3 m radius or 25 m²	A. negundo 9 A. plutamuida 19 U. amoricanus 9 Vitis riparra 9			- 7
SHRUB cover class' by species of shrubs/trees 1 - 2 m tall. QUAD SIZE: 2.5 m radius or 25 m²	Pracines amoricanes - 3 Physicarpus coultalius - 1 A. platancides - 3 Lonicera mumoni - 9 Econymus fortuni - 19 Reca multifluon - 9		·	
HERS cover class by species for all heroaccous plants plus any woodies < 1 m tall QUAD SIZE: 20 + 10 1 m², 2-4 herb quads per tree plot. Enter individual values in left-hand column, Remember the zeros for spp present in some but not all herb quads when figuring averages!	Frazinas gunovicana 3 Symp. sp. 1 Lunicera mumm. 3 Encaymus Ent. 9 Lysim. gumm. 1 Allaura effizin 1			
BRYOID ground-layer mosses, liverwort, lichens in herb quads, resolution (check one);'moss'/[liverwort/lichen' only;identified to major group;identified to genus;identified to species.	Ø			
REMARKS				

in ocx on previous page, list plant soo, present in the community out not in the sample plots so we have a complete species list.

^{*}cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

survey area: Housafonic River, East Branch		Date: 12 November 1998
(Site name:) 140-5	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Schonwid (Biophysical Region:) Town: Pits field County: Berkshire (Biophysical Region:)	usgs 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 minute	
V.C		
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	
Mark all observation points on a copy of the topo. Add any comments or		

VEGETATION / HABITAT

Observation Point 1	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Community type:	Community type:
Soit:	Soil:	Soilt
Slope, aspect, topography 322°M	Siope, aspect, topography:	Slope, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA*: cover & 1-2 dominant spp. for each
Tree layer: Total cover (%): Ul nus omericana Acco negundo	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall snrub layer: Total cover (%) Luayuus cathertica Rosa Multiflora	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) FUOYYMUS EUROPAEA LICANUUS CATHORT: CS	Shrub (1-2 m) layer. Total cover (%)	Shrub (1-2 m) layer. Total cover (%)
Herb layer. Total cover (%) Losa Multifloia Rhumuus cathortica Poa Memoralis	Herb layer: Total cover (%)	Herb layer. Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Residences adjacent to rommunity	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? SOX 40 feet tree cires? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

p. ____ of ____ initiats:

IATURAL'COMMUNITY SURVEY PART II: DESCRIPTION omplete separate description forms for each notable natural community on reconnaissance page. ENTIFIERS / LOCATION Housalonic River, East Branch Obs. PL # 140-5 Area (specific/general): Adjacent communities: Ruad / Rosidential Prop & Floodplain / Early Successional Forest Community type: River BE SURE TO MAP EXTENT OF COMMUNITY ON (Lat.:) Size (acres) of Quad community 50 TOPO. Distinguish between portions ground-truthed (not site): vs. portions presumed to be part of community based (Long:) (Quadcode:) solely on photo/map interpretation, where applicable. LASSIFICATION HIERARCHY Leaf type (Group) Phenology (Subclass) Physiognomy (Class) broad-leaf woody evergreen woody (Crest) (deciduous woody) needle-leaf woody weedland graminoid shrubland mixed woody perennial forta dwarf shrubland pteridophyte annuai hercaceous non-vascular sparse vascular/nonvascular (ALLIANCE) DDITIONAL DATA FOR FORESTS Deadwood (describe distribution, abundance, degree of Tree cancpy immediately above it (ie. fum 0-8) ring counts (~ 5 cores) of larger height trees (give sp. & dbh) Populus deltoides 13 inch, 65 Feet +411, +1- 40 ybp have numerous fallen twiss/branches 1-2" in drameter & 5-10's long. Ulmus americana SUCCESSION trees? Ginch, 40 feet, 24 ybp Acemegundo 6: wow, 30 feet tall HISTORY (describe evidence or lack thereof; please do not leave boxes blank, indicate approximately how recent where possible.) Impoundment Agriculture: Wind: Cutting: Fire: Most impacts have been from wather residential development ex adjacent lands ADDITIONAL SPECIES LIST Species list sketchy or basically complete? List additional plant species in community not included in the plot data that follows. Comment Barb, Munh. Viburnum opulus

List additional plant species in community not included in the plot data that follows.

Viburnum opulus 13 = 15. Hunh.

Elymus riparia (anodonsis Agus. sp. 4
Mulus sp. Solid. gigant.

Symp. condit.

Lysim. numularia

Arez: Housatonic Riv	ver, East Brauch				ОЬ	L L . 140 -	5
Community type: Floodple	in / Early Succession	oman forest	(Regio	nal alliance/community:)			
LAYER	plot #		•				
TREE list species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units: QUAD SIZE: 50 × 40 note which size used 5.64 m radius for 1/100th ha	P. deltoids 13 U. amoritana 4,3, A. negundo 5,8,6, Fraxinus amoritana 2 A. plantancidas 4,6,	6					
7.98 m radius for 2/100th ha use same size throughout!	•						· ·
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall 20	Rhamans cathertea 19 Rosu multiflue 19 Vitis riparia 9						•
SHRUB cover class by species of shrubs/trees 1 - 2 m tall. QUAD SIZE: 2.3 m radius or 25 m	Ecanymis enop. 9 Rhommys cathor. 9 Cornus amomum 9 Rosa mal Hara 9 Physicanyus opulifolia						
HERB cover class by species for all herbaceous plants <u>plus</u> any woodies < 1 m tall QUAD SIZE: 1 m², 2-4 herb quads per tree plot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!	Enrym. Art. 3 Rhamans cathar 9 Roca multi Acca 9	Pua momunis Symphio later. Bannus latiglumis Epilub sipi giandus Rumex crispus Rumex crispus Rununculus sp. 4 Celustrus cristando Pruncila unigans	m 1				
BRYOID ground-layer mosses, liverwort, lichens in herb quads, resolution (check one):moss*/"liverwort"/"lichen" only;identified to major group;identified to genus;identified to species.	1 sp. collected 3	•					
REMARKS							

in ocx on previous pade, list plant spo. present in the community out not in the sample plots so we have a complete species list.

^{*}cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

	touic River, Ea			Ob	s. pt. #1 /40 -
Community type:	Floodplain/Early	successional f	orest (Re	egional alliance/community:)	
Elevation;	Aspect: 333° A	Slope:	sd?	Microtopography: some normal grade from fill-boundors & cond	1'mound above mon-mode vek
pH (note kit or meter type)	Topographic P low plain, level T toe of slope LS lower slope MS middle slope	position: TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (describe: present): Uniform ripin this area	tones or patches if
A E B C Orcanic Soil Profile: peat depth: vonPost decompasition ALL SOILS: DEPTH 70 WATER T	ABLE:		Surficial deposit bedrock talus slope glacial till moraine esker/outwash glacial delta lacustrine/fluvial marine aeolian manana other: Bedrock type: lgneous granite dioritic gabbroic other igneous Metamorphic state/phyllite schist/gneiss other metamorphi	Sedimentary Ilmestone naturally other sedimentary details?	Average Texture: gravel sand loamy sand / sancy loam loam silt loam day loams sancy day / day peat muck Soil stoniness: v. little (< 1%) moderate (2-25%) very (25-100%)
			very poorly drained poorly drained somewhat poor moderately well drained	ty drained I drained essively drained	Hydrologic regime: upland nontidal wetland: permanently floode seasonally flooded saturated tidal - irregularly tidal - regularly satiwater brackish freshwater

DEMINIERS / EDGMITTOR .		<u> </u>
survey area: Housetonic River, East Branch		Date: 12 November 1998
(Site name:) 150-5 148-5	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie County: Berkshire Rickie Schonword (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 x 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):

VEGETATION / HABITAT

Observation Point 1	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successionel	Community type:	Community type:
Soit [Forest]	Soil:	Soit
Siope, aspect, topography 323°M, gradual Stope	Siope, aspect, topography:	Slope, aspect, topography:
STRATA*: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each
Tree layer: Total cover (%): Acer regundo Acer plotanoides	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer. Total cover (%) Acer Negundo	Sapling / tail shrub layer: Total cover (%)	Sapling / tall shrub layer. Total cover (%)
Shrub (1-2 m) layer. Total cover (%) A cer negoundo Physocorpus opulifolius	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer. Total cover (%)
Herb layer. Total cover (%) Elymus ^{cf} Canadeusis Bromus latiglumis Alliana petiolata	Herb layer. Total cover (%)	Herb layer. Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer. Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Residential areas adjacent to community	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? 50 X ? 5 (see the cores? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

nitiats:	p.		of	
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DENTIFIERS.	/ 1	OC.	ΔΤΙ	0	N
TEN LIFIERS	/ L	U.	~ + 1	u	м

Area (specific/gene	uran: Housatonic A	River, East Branc	
Community type:	Floodplain / Ear	ly successional foles	Adjacent communities: vivor; vesid. housing
			· ·
Quad:	(Lat.)	Size (acres) of community EO	BE SURE TO MAP EXTENT OF COMMUNITY ON TOPO. Distinguish between portions ground-truthed

LASSIFICATION HIERARCHY

Physiognomy (Class) torest woodland shrubland dwarf shrubland heroaceous sparse vascularmonvascular	Phenology (Subclass) evergreen woody deciclious woody mixed woody perennial annual	Leaf type (Group) broad-leaf woody needle-leaf woody graminoid forb ptendophyte non-vascular
--	--	--

ADDITIONAL DATA FOR FORESTS

Tree canopy height 40'	Core data: ring counts (~ 5 cores) of larger trees (give sp. & dbh) Acer nequado	Deadwood (describe distribution, abundance, degree of decay): 2 standing stumps, partially droughd - 1 is 6 tall the other 2 tall;	·
trees?	Binch alon, 40 feetfall, Acer platawides 6:nch, 20 feet, 21 ybp Ulmus ancricana Binch, 60 feetfall, 24 ybp	1-2% of plut has dunned branches 1.5" in dimmeter and o'ling on a cora 4	

HISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.)

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<u>.</u>	,	,		

ADDITIONAL SPECIES LIST

	munity not included in the plot data that follows.	Species list sketchy or basically complete?
Denothong b. ennis	Rhanus cathartica	
Chelidunium majus	(conus sources.	
apilah. alliatum	Carnus amamum	·
Pen nemeralis		
Pra pratensis		

	er, East Brauch			Obs. pt. #: /371-5
Community type: Floodpla	in / Early Succession	on forest	(Regional alliance/community:)	
LAYER .	plot #			
TREE isst species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units: QUAD SIZE: SO X 2 (note which size used 5.64 m radius for 1/100th ha	A. negundo 13,4,3, U. americana 13, A. platan. 6,4,29	•		
7.98 m radius for 2/100th ha use same size throughout!	,			
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall / 20 x 20 / QUAD SIZE: 2.3 m radius or 25 m²	A. negando 3			7
SHRUB cover class by species of shrubs/trees 1 - 2 m tall.	A. negundo 3 Physocarpus opulifolia 3 Shrubsp* 3			
QUAD SIZE: 2.8 m radius or 25 m²) or was sp. * 3			
hernaceous plants plus any woodies < 1 m tall QUAD SIZE: 2018U	Geum Sp. Elynus Sp. * (by druging infor.) Brems la tighunis 9	Alluvia offre.	9	
BRYOID ground-layer mosses, liverwort, lichens in herb quads, resolution (check one):moss*/liverwort/lichen* only; identified to major group;identified to genus;identified to species.				
REMARKS				

in ocx on previous page, list plant sop, present in the community out not in the sample plots so we have a complete species list

^{*}cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

Arez: Housate	mic River, Eas	it Branch		Obs.	pt. # 150 S
Community type:	oodplain/Early	successional fo	riest (Regio	nal alliance/community:)	
Elevation:	Aspect: 323" A	Slope: measured or estimated	d?	Microtopography:	gradual slipe w small mounds <1 high.
pH (nate kit or meter type)	Topographic F low plain, level T toe of slope LS lower slope MS middle slope	position: VIVEV TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (describe z present): uniform parte trees/shrubs	
Mineral Soil Profile:			Surficial deposit	Surface:	Average Texture:
horizon depth (cm) calor mottling	other	bedrock	% Bedrock	gravel -
0		•	taius sicpe	% Boulders (>50 cm)	sand
Α			glacial till	Cabbles/Gravel	loamy sand / sandy
		/	moraine	15 % Bare mineral soil	lcam
		<u></u>	esker/outwash	% Organic soil	silt Icam
B		· · · · · · · · · · · · · · · · · · ·	giacial delta	75 % Litter (note type)	ciay loams
C		· .	lacustrine/fluvial	/U % Total vegetation	sancy day / day
Orcanic Soil Profile:			marine alluvial aeclian	Other:	peat
peat depth:	_cm OR > 1 m		other.	Ouici.	muck
VenPest decompositions ALL SOILS: DEPTH TO WATER TA	RLE:	(depth)	other: Bedrock type: Igneous granite dioritic gabbroic other igneous Metamorphic state/phyllite schist/gneiss other metamorphic	Sedimentary limestone other sedimentary details?	Soil stoniness: v. little (< 1%) moderate (2-25%) very (25-100%)
			Drainage & moisture	regime (see MAPPSS key):	Hydrologic regime:
			very poorty drains	ed C	upland
			poorly drained		nontidal wetland: permanently flooded
			somewhat poorly		semiperm'ly flooded seasonally flooded
			moderately well	drained	saturated
	•		well drained.	e la description	tidal - irregularly tidal - regularly
	٠.		somewhat exces		saltwater brackish freshwater
			EXCESSIVELY GLAM		unknown
l			ŀ		1

VATURAL COMMUNITY SURVEY PART I: RECONNAISSANCE DENTIFIERS / LOCATION

Maine Natural Areas Program

survey area: Housatonic River, East Branch		Date: 12 November 1998
(Site name:) /60-5	(Quadcode:)	Airphoto (#. scale, date):
Surveyors: Arthur Haines John Lorfie Boo Roy Vickie Schoonerd (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 x 15.0 minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	ir Maine Atlas):
	see Map	

VEGETATION / HABITAT Observation Point 1 Observation Point 2 Observation Point 3 Community type: Floodplain/Early successioner Community type: Community type: Soit . Slope, aspect, topography Siope, aspect, topography: Slope, aspect, topography: 286°M, gradual Slope STRATA: cover & 1-2 dominant spp. for each STRATA: cover & 1-2 dominant sop. for each STRATA: cover & 1-2 dominant soo, for each Tree layer: Total cover (%):___ Tree layer: Total cover (%):___ Total cover (%):___ Acer plafanoides Acer negundo Sapling / tall shrub layer. Total cover (%)____ Sapling / tall shrub layer. Total cover (%) Sapling / tall shrub layer: Total cover (%)____ Acer plataudides Shrub (1-2 m) layer: Total cover (%)_ Shrub (1-2 m) layer: Total cover (%)____ Shrub (1-2 m) layer. Total cover (%)___ Rubus occedentalis Rosa multiflora Herb layer: Total cover (%)_ Herb layer: Total cover (%)____ Herb layer: Total cover (%)____ Agerativa altissima Agrimousa Striata oba a. nemoralis Bryoid layer. Total cover (%)_ Bryoid layer. Total cover (%)____ Bryoid layer. Total cover (%)___ Other diagnostic or notable species: Other diagnostic or notable species: Other diagnostic or notable species: Condition / evidence of human use: Condition / evidence of human use: Condition / evidence of human use: Additional data collected / COMMENTS Additional data collected / COMMENTS Additional data collected / COMMENTS plots (size)? SO x 40 feet plots (size)? plots (size)? tree cares? yes tree cores? tree cores? photos? photos?

IATURAL'COMMUNITY SURVEY PART II: DESCRIPTION s complete separate description forms for each notable natural community on reconnaissance page. DENTIFIERS / LOCATION Housatonic River, East Branch Obs. Pt. # 160 5 Area (specific/general): Floodplain / Early Successional forest Adjacent communities: Resid. dev.; River Community type: (Lat.) Size (acres) of BE SURE TO MAP EXTENT OF COMMUNITY ON Ouad: community EO TOPO. Distinguish between portions ground-truthed (not site); vs. portions presumed to be part of community based (Quadcode:) (Long:) solely on photo/map interpretation, where applicable. LASSIFICATION HIERARCHY Physiognomy (Class) Leaf type (Group) Phenology (Subclass) broad-leaf woody (brest) evergreen woody needle-leaf woody weedland deciduous woody graminoid shrubland mixed woody dwarf shrubland perennial forta annuai pteridophyte hereacecus sparse vascular/nonvascular non-vascular (ALLIANCE:) ADDITIONAL DATA FOR FORESTS

Tree canopy height:	Core data: ring counts (~ 5 cores) of larger trees (give sp. & dbh) Accorplicational cles	Deadwood (describe distribution, abundance, degree of decay): 3 there 117"dbh - 20-36' lung lying an ground, book partially of	·
	7 inch albh, 40 feet tall Ulmus americana 7 thich albh, 40 fl. tall, 22ybp Acer Saccharinum 8 inch, 40 feet, 19 ybp		

HISTORY (describe evidence or lack thereof; please do not leave boxes blank. Indicate approximately how recent where possible.)

Fire:	Wind:	Cutting:	Agriculture:	Impoundment
Ø	\varnothing	Ø	· Ø	Ø
*	,			

community in this area must affect by historic residential development

ADDITIONAL SPECIES LIST

List additional plant species in comm	munity not included in the plot data that follows.	Species list sketchy or basically complete?
Hesperis mationalis Symphie, laterif	My usutis scorperden Epilobium cilia tum ssp. glandulosum	
Rhammus cothartica Phalavic awadin.	Bidems cernua Echinocysts lubata	
Physocopus coulif		

Arez Housetonic Riv	ver, East Branch			Obs. pt. #: 160 5
Community type: Floodpla	in / Early Succession	ough forest	(Regional alliance/community:)	
LAYER	plot #			
TREE ist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units: GUAD SIZE: note which size used 5.64 m radius for 1/100th ha	A. negundo, 9, 13,7 A. sacharinum 8,6 U. amer. 4,8, A. plutan. 6, 3,3,7, S. nigra. 23	4,		
7.98 m radius for 2/100th ha use same size throughout! SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 m tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall put < 5 cm dbh; and shrubs > 2 cm tall	A. platan. 9			7
SHRUB cover class by species of shrubs/trees 1 - 2 m tall. 90+26 QUAD Size: 2.8 m radius or 25 m²	Rubus accidentalis Rosa multiflum Celastrus arbiculatus 3 Cornus amomum 3 Guslans cinerea 1	·		
hereaceous plans plus any woodies < 1 m tall QUAD SIZE: 20 1.70 1 m², 2-4 herb quads per tree	Symptoc cord. 1 Agrimonia stricta 19 Goumlaciniatum* 1	Galium mullugo Mentho arvensi Poa =p. * Lysim. quadrifi Sclanum duluma. Brumus latiglumi	s 1 19 1 1 1 1 1 1 1	
BRYOID ground-layer mosses, liverwort, lictions in herb quads, resolution (check one);moss*/Tiverwort/*Tichen* only;identified to major group;identified to genus;identified to species.		•		
REMARKS		·		

in box on previous pade, list plant spo, present in the community but not in the sample plots so we have a complete species list.

^{*} cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

TOPOGRAPHY / SOILS Housatouic River, East Branch Obs. pt. * 160 5 Floodplain/Early successional forest (Regional alliance/community:) Community type: smooth, gradual rize Aspect 2 46° A Microtopography: Elevation magnetic or true? measured or estimated? river Habitat patchiness (describe zones or patches if Topographic position: ρН present): uniform, thin OS & us, P low plain, level TB hillside dunin by horbs C crest T toe of stope terrace/bench M high plateau LS lower slope US upper slope (note kit or meter N narrow valley MS middle stope E cliff/ledge type) D drainage channel Surficial decosit Surface: Average Texture: Mineral Soil Profile: % Bedrock gravel bedrock horizon depth (cm) color mattling other % Boulders (>50 cm) sand talus sicpe 0 glacial till % Cabbles/Gravel loamy sand / sandy Α lcam 10 % Bare mineral soil moraine leam Ε % Organic soil esker/outwash downed tresting silt lcam 3 /O % Litter (note type) giaciai delta ctay loams % Water lacustrine/fluvial C sandy day / day 20_% Total vegetation alluvial peat Organic Soil Profile: Other. aeclian muck m OR>1 m₂ peat depth:_ other. vonPost decomposition Soil stoniness: Bedrock type: igneous Sedimentary ALL SOILS: v. itte (< 1%) granite limestone dicritic other sedimentary DEPTH TO WATER TABLE: moderate (2-25%) gabbroic other igneous DEPTH & OBSTRUCTION:__ very (25-100%) details? Metamorphic Soil temperature reading _____ F/C at _____ (depth) state/phyllite schist/gneiss other metamorphic Orainage & moisture regime (see MAPPSS key): Hydralogic regime: upland very poorty drained nontidal wetland: poorty drained permanently flooded semiperm'ly flooded somewhat poorly drained seasonally flooded saturated moderately well drained tidal - irregularly well drained tidal - regularly saltwater somewhat excessively drained brackish freshwater excessively drained unknown

survey area: Housetonic River, East Branch		Date: 12 November 1998
(Site name:) 170 S	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Schonword Giophysical Region:)	USGS 7.5 Quade Pitts field East 1:25,000 7.5 X 15.0 Minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	r Maine Atlas):
	Seemap	

VEGETATION / HABITAT

Observation Point 1	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successionel	Carrimunity type:	Community type:
Sait:	Scit	Soilt
Siope, aspect, topography	Slope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant sop. for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer: Total cover (%): Acer negundo Pinus Sacabas	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tail shrub layer: Total cover (%)	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer. Total cover (%)
Shrub (1-2 m) layer. Total cover (%) Acer negundo Soranum dulcome!a	Shrub (1-2 m) layer. Total cover (%)	Shrub (1-2 m) layer. Total cover (%)
Herblayer. Total cover (%) Agerativa altissima Agrimenia striata Btomus latiqumis	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer. Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Residential Areas adjacent to Plot	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? 50 × 25 feet tree cires? 465 photos? 465	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

nitiats:	a	of	

IATURAL'COMMUNITY SURVEY PART II: DESCRIPTION omplete separate description forms for each notable natural community on reconnaissance.page. DENTIFIERS / LOCATION Housatonic River, East Brauch Obs. PL # 170 S Area (specific/general): Floodplain / Early Successional forest Community type: (Lat.:) Quad Size (acres) of BE SURE TO MAP EXTENT OF COMMUNITY ON community EO TOPO. Distinguish between portions ground-truthed (not site): vs. portions presumed to be part of community based (Quadcode:) (Long:) solely on photo/map interpretation, where applicable. LASSIFICATION HIERARCHY Physiognomy (Class) Phenology (Subclass) Leaf type (Group) broad-leaf woody (forest) evergreen woody weedland deciduous wood needle-leaf woody shrubland mixed woody graminoid dwarf shrubland perennial herbaceous annuai pteridophyte sparse vascular/nonvascular non-vascular (ALLIANCE) ADDITIONAL DATA FOR FORESTS Deadwood (describe distribution, abundance, degree of Core data: Тгее сапсру lace" abh a lace" don, born w ring counts (- 5 cores) of larger height trees (give sp. & dbh) Pinus Strobus 10 inch, 45 feet tall, 33 years by some back on them Acer negundo trees? 15 inch dloh, 40 feet, Acer negundo Ginch abh, 30 feet tall, 20 ybp HISTORY (describe evidence or lack thereof; please do not leave boxes blank, Indicate approximately how recent where possible.) Agriculture: Wind: Impoundment Cutting: Fire: comment thesherical residential development impacted this area by developing the forest into house lits with lawns ADDITIONAL SPECIES LIST. Species list sketchy or basically complete? List additional plant species in community not included in the plot data that follows. Comment Rubus eccidentalis

List additional plant species in community not included in the plot data that follows. Rubus cocidentalis Comment Epilobium sp. Sulid. sp. M

	ver, East Branch					Obs. pt. #:	1705
Community type: Floodple	in / Early Succession	ough forest	(Regi	onal alliance/con	emunity:)		
LAYER	plot #						
TREE ist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units:	A. negundo 15,6,15 P. stobus 10,4	, 4, 5, 4					
QUAD SIZE: 50 125 (note which size used 5.64 m radius for 1/100th ha				; · · · · · · · · · · · · · · · · · · ·			
7.98 m radius for 2/100th ha use same size throughout							·
SAPLING / TALL SHRUB cover class by species of trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall and and shrubs > 2 m tall and and shrubs > 2 m tall and	Ø .						- · ማ
QUAD SIZE: 2.8 m radius or 25 m²							
SHRUB cover class by species of shrubs/trees 1 - 2 m tall.	A. nezando 3 Solanum dulumana 1						
QUAC SIZE: 2.8 m radius or 25 m²							
HERS cover class by species for all heroaccous plants plus any woodies < 1 m tall QUAD SIZE: 1 m ² , 2-4 herb quads per tree plot. Enter individual values in left-hand column, Remember the zeros for spp present in some but not all herb quads when figuring averages!		Geum canadous Oenethera brownis Arctium minus Elymus siparis Pea nomeralis Galium mulleyo Symphio. cord.	1 3 1 3				
BRYOID ground-layer mosses, liverwort, licnens in herb quads. resolution (check one):moss*/liverwort*/lichen* only;identified to major group;identified to genus;identified to species.							
REMARKS		_	<u></u>		i i		c

in dox on drevious pade, list plant soo, present in the community out not in the sample plots so we have a complete species list.

^{*}cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

GRAPHY / SOILS Housatonic River, East Branch Obs. pt * 170 5 Floodplain/Early successional forest (Regional alliance/community:) Community type: Microtopography: Slope: small pecket of evocion have, Aspect 229 A Elevation: magnetic or true? measured or estimated? created dopression ~1 deep in places of river Habitat patchiness (describe zones or patches if position: bank Topographic pΗ present): uniform zone of P low plain, level TB hillside Grest blu lanns & houses C crest I toe of slope terrace/bench M high plateau LS lower slope US upper sicpe (note kit or meter N narrow valley MS middle stope E cliff/ledge type) D drainage channel Surface: Average Texture: Surficial deposit Mineral Soil Profile: gravel % Bedrock other bedrock horizon depth (cm) color mottling taius sicpe /O % Boulders (>50 cm) 0 loamy sand / sancy % Cabbles/Gravel glacial till Α lcam لككي Bare mineral soil المكلي moraine icam esker/outwash % Organic soil 20 % Litter (nets type) siit leam 3 ciacial delta day loams lacustrine/fluvial % Water C sancy day / day 50 % Total vegetation marine alluvial & peat Organic Soil Profile: aeciian man-wade __ Other: muck n OR > 1 m_ peat depth: other: vonPost decompos Soil stoniness: Bedrock type: igneous Sedimentary ALL SOILS: v. little (< 1%) granite (mestone) dicritic other sedimentary DEPTH TO WATER TABLE: moderate (2-25%) gabbroic other igneous DEPTH & OBSTRUCTION:_ very (25-100%) details? Metamorphic Soil temperature reading ______ F/C at _____ (depth) state/phyllite schist/qneiss other metamorphic Hydrologic regime: Drainage & moisture regime (see MAPPSS key): upland very poorty drained nontidal wetland: poorty drained permanently flooded

somewhat poorly drained

moderately well drained

excessively drained

somewhat excessively drained

well drained

semiperm'ly flooded

seasonally flooded saturated

tidal - irregularly

tidal - regularly

saltwater brackish freshwater

unknown

VATURAL COMMUNITY SURVEY PART I: RECONNAISSANCE DENTIFIERS / LOCATION

Maine Natural Areas Program

survey area: Housatonic	River, East Branch		Date: 12 November 199
(Site name:)	180-5	(Quadcode:)	Airphoto (#, scale, date);
surveyors: Arthur Haines John Lorfie Boo Roy Vickie Schonwood	Town: Pitts field County: Berkshire (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 x 15.0 minote	
Mark all observation points on a cop sketches here if necessary to clarify	ry of the topo. Add any comments or the topo.	Directions (if not obvious from topo of See May ρ	r Maine Atlas):

VEGETATION / HABITAT

Observation Point 1	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Community type:	Community type:
Soit [Forest]	Sait	Sailt
Slope, aspect topography 270°m, Sloped boule	Slope, aspect, topography:	Slope, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer: Total cover (%): Acer plataucides Acer negundo	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer. Total cover (%) Acer platamoides Vitis ripalia	Sapling / tall shrub layer. Total cover (%)	Sapling / tall shrub layer. Total cover (%)
Shrub (1-2 m) layer. Total cover (%) (ouiceig Morrowi: Uitis ripolia	Shrub (1-2 m) layer. Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) Rhamus Cathort; ca	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use:	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (size)? 56 x 25 feet tree cares? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cores? photos?

nitiste:	_	of	
יאובוחי.	Ξ.	٠.	

VATURAL'COMMUNITY SURVEY PART II: DESCRIPTION

-> complete separate description forms for each notable natural community on reconnaissance page.

ENTIFIERS / LOC	ATION		
Area (specific/general):	Housatonic River,	East Branch	Obs. Pt. # /20-5
Community type:	10	· ·	Adjacent communities: Residential; River
†	wodplain / Early Suc	ccessional folest	RESTREMENT, KIDE
Quadt	codplain / Early Suc	Size (acres) of	BE SURE TO MAP EXTENT OF COMMUNITY ON TOPO. Distinguish between portions ground-truthed

Physiognomy (Class)	Phenology (Subclass) .	Leaf type (Grou
(crest)	evergreen woody	(broad-leaf woo
weedland	deciduous woody	needle-leaf wo
shribband	mixed woody	graminoid
dwarf shrubland	perennial	fara
herbaceous	annual	pteridophyte
scarse vascular/nonvascular		non-vascular

ADDITIONAL DATA FOR FORESTS

Tree canopy height: 40' Supercanopy trees? Core data: ring counts (- 5 cores) of larger trees (give sp. & dbh) Acer veyondo 12 inch, 55 feet, Acer platanoides 211 inch, 50 feet, 36 ybp 211 inch, 50 feet, 34 ybp	Deadwood (describe distribution, abundance, degree of decay): few scallered limbs on ground or hung up in vege tation - tought to see entire plut due to dense shrab layor	:
--	--	---

HISTORY (describe evidence or lack thereof; please do not leave boxes blank, Indicate approximately how recent where possible.)

Fire:	Wind:	Cutting:	Agriculture:	Impoundment
\varnothing	Ø	Ø	V V	Ø
<u>.</u>	,-			, -

and reads

ADDITIONAL SPECIES LIST

List additional plant species in com-	Species list sketchy or basically complete?	
	Schid. gigant.	Continent
Print*	Resa multi fle-a	·
Centhau heunis	Poo pratonsis	·
Lulium arundin,	Allaria officinalis	
Nesporis matranalis	Gallum mulloga	
·		

Community type: Floodpla					Obs. pt. # 180 -5
	in / Early Succession	ough forest	(Regio	onal alliance/community:)	• a 1.
LAYER	plot #		•		
TREE ist species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units:	A. Negundo 12, A. plutun. 11,12,4,	9,7,10			
QUAD SIZE: 50 X 25 note which size used 5.64 m radius for 1/100th ha					
7.98 m radius for 2/100th ha use same size throughout!	,			•	
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall	A plutan, 9 U. riparia 9.		-		7
QUAD SIZE: 2.8 m radius or 25 m²					
SHRUB cover class by species of shrubs/trees 1 - 2 m tall.	Viburnum ópulus #19 Lanceare maravil 37 Vitis ripara 37				
QUAD SIZE: 2.8 m radius or 25 m²					
HERS cover class by species for all heroaceous plants plus any woodies < 1 m tall	Rhammus cathert.				
QUAD SIZE: 1 m², 2-4 herb quads per tree plot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!					
BRYOID ground-layer mosses, liverwort, lictiens in herb quads. resolution (check one):*moss*/*liverwort*/*lictien* only;identified to major group;identified to genus;	4	•			
identified to species.				c	
n ocx on previous page, list (P 100 000	comple plate co wa	nave a complete species IIS

*cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

مستسس مرادات

		• •
Survey area: Housa tonic River East Branch	Date: 12 November 1	
(Site name:) T 190 S	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Uickie Schooned (Biophysical Region:)	USGS 7.5 Quad: P; ttsfield East 1: 25,000 7:5x15.0 Minut	
Mark all observation points on a copy of the topo. Add any comments or sxetches here if necessary to clarify the topo.	Cirections (if not obvious from topo o	or Maine Atlas):

VEGETATION / HABITAT Observation Point 1 Observation Point 2 Observation Point 3 Community type: Community type: Community type: Scit Scit '

Sicce, aspect, topography 270°M, Sloped bank Siope, aspect, topography: Sicpe, aspect, topography: STRATA: cover & 1-2 dominant spp. for each STRATA: cover & 1-2 dominant sop, for each STRATA: cover & 1-2 dominant soo, for est Tree layer. Total cover (%):_ Tree layer: Total caver (%):__ Tree layer. Total cover (%):___ Fagus grandifolia Tsuga canadeusis Sacting / tall shrub layer. Total cover (%)_ Sapling / tall snrub layer. Total cover (%)___ Sapiling / tall shrub layer: Total cover (%)_ fagus grandifolia Shrub (1-2 m) layer: Total cover (%)_ Shrub (1-2 m) layer. Total cover (%)___ Shrub (1-2 m) layer: Total cover (%)_ Cornus sericea EUDYMUS EUROPARG Hero layer: Total cover (%) Hert layer. Matterccia Struthiopteris Total cover (%)_ Hero layer. Total cover (%)___ Louicera Morrow; Symphyoticum laterifion Bryoid layer: Total caver (%)_ Bryoid layer. Total cover (%)___ Bryoid layer. Total cover (%)_____ Other diagnostic or notable species: Other diagnostic or notable species: Other diagnostic or notable species:

Condition / evidence of human use: Condition / evidence of human use: Agricultural aleas collacent Condition / evidence of human use: to Plot Additional data collected / COMMENTS Additional data collected / COMMENTS Additional data collected / COMMENT: pict: (sta)? picts (size)? piots (size)?

tree cores? yes yes photos?

tree cores?

pnotes?

tree cares? photos?

date:

initiats:

Arez: Housate	mic River, Eas	t Branch		Cbs	. pt. #' 180-5		
Community type: Floodplain/Early successional Forest (Regional alliance/community:)							
Elevation:	Aspect: 270 A magnetic or true?	Slope: measured or estimate	ed?	Microtopography: smooth tansition b/w riser, sriparian area			
pH (note kit or meter type)	Topographic P low plain, level T toe of slope LS lower slope MS middle slope	position: TB hillside terrace/bench US upper slope E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat patchiness (describe : present): uniform edge of and river bank and lawn			
Mineral Soil Profile:			Surficial deposit	Surface:	Average Texture:		
horizon depth (cm) color mottling	other	bedrock	% Bedrock	gravel		
0			taius sicpe	% Boulders (>50 cm)	(sand)		
	•	/	giacial till	% Cabbles/Gravel	learny sand / sandy		
A		 	moraine	% Bare mineral soil	leam		
E			esker/outwash	% Organic soil	siit loam		
8	/		giaciai delta	95 % Litter (note type) ←	day loams		
С			lacustrine/fluvial	% Water overlap	sancy day / day		
Orcanic Soil Profile:		 -	marine alluvial aeolian	80 % Total vegetation ← Other:	peat		
peat depth:	_cm OR > 1 m		other:		muck		
VenPest decomposition: ALL SOILS: DEPTH TO WATER TA DEPTH to OBSTRUCT Soil temperature reading	ABLE:	(depth)	Bedrock type: Igneous granite dicritic gabbroic other igneous Metamorphic state/phyllite schist/gneiss other metamorphic	Sedimentary limestone other sedimentary details?	Soil stoniness: v. little (< 1%) moderate (2-25%) very (25-100%)		
			Derivers 1 minutes	regime (see MAPPSS key):	Hydrologic regime:		
			very poorly drains	-	upland		
			poorty drained	(nontidal wettand:		
			somewhat poorly	drained	permanently flooded semiperm'ly flooded		
			moderately well	drained	seasonally flooded saturated		
well drained					tidal - irregularly tidal - regularly		
	٠.		somewhat exces	sively drained	saltwater brackish		
			excessively drain	ned	freshwater		
					unknown		

TURAL COMMUNITY SURVEY PART II: DESCRIPTION complete separate description forms for each notable natural community on reconnaissance page.

NTIFIERS / LOCA	ΠΟΝ				
res (specific/general):				Ota Pt # /90 -5	
STREET, TYPE: MIXE	HW/SW Firest		Adjacent communiti	E: River; Residential	
luadi	(Lat.:)	Size (acres) of community EO (not size):	TOPO. Distinguish between portions groun		
Quadence:)	(Long:)		vs. portions presumed to be part of community base solely on photo/map interpretation, where applicable		
ASSIFICATION HI	RARCHY				
Physiognomy (Class) Turest Woodland Shrumland Herpacticus Sparse Vascular/nonvas:	mar .	Phenology (Subcass) evergreen woody decaucus woody mixed woody perennial annual		Leaf type (Group) broad-leaf woody needle-leaf woody grammond forto ptendophyte non-vascular	
(ALLIANCE:)					
ODITIONAL DATA F	OR FORESTS				
supercancery rees? So Fr.	e cata: Cours (-5 cores) of lar s (give sc. & dbh) excus tubra ch, 40 feet gus graudifolin inch, 65 feet axinus americana ach, 60 feet, 47 ylog	1-8" dead b still on 1-5% with backen 1 5-10' 1cm; &	emlicle, 25 lm of rost of fe imbs/small = 1" in diament	in bull lest floor oranding	
STORY (cesarbe evici	ence or lack thereof; plea	ase do not leave boxes bianc	Indicate approximates	y how recent where possible.)	
Fire:	Wine:	historic like shamps sin	ely, no adj. ible Larm	areas likely and crused pasture	
commenc Area nes	t to residential	housing			
DDITIONAL SPECIE	S LIST				
List actitional plant spec	ces in community not inc	auded in the plot data that folk	CWS.	Species list sketchy or basically complete?	
Aster divaricatus					

cover classes (record midpoint): < 2 1 2-5% 3 5-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

ver:				Ot	190 -S
CHERTHAL SYPEC			(Rega	onai alliance/communityt)	
1	spece 339"A	Slope:	d?	Microtopography: Wood dru Cv+uhnt Same unicro lawn	the busines active to fil? here is some the fil? has control as well
case kut or mener	Topographic low plain, level toe of stope S lower stope IS middle stope	position: /ive/ b TB hillside terrace/bench US upper siche E cliff/ledge	C crest M high plateau N narrow valley D drainage channel	Habitat pateriness (describe present): uniform particle and b	en of facest
Ainerat Soil Profile:			Surficial deposit	Surface:	Average Texture:
חפרבסה כפסטה (בדה)	cater metting	cther	bearcax	% Bedrock	gravei *:
0		<i>/</i> .	taius sicce	% Boulders (>50 cm	sand
À	······································		glacial till	" Cobbles/Gravel	loamy sand / sandy
Ē			moraine	10 % Bare mineral soil	leam
3			eskerioutwash	% Organic soil 60 % Litter (note type)	silt team
c			giaciai ceita	% Water	ciay loams
-	<u></u>		manne	30 % Total vegetation	sancy cay / cay
reanic Soil Profile:	/			Cttor	peat
	: CR > 1 m		other man-made		muck
CONPOSE COCOMINACION ALL SOILS: DEPTH TO WATER TABLE DEPTH TO COSTRUCTION			Bedrock type: Igneous granate clientic gazoroic cther igneous	Sedimentary Innestone other secumentary	V. little (< 1%) moderate (2-25%) very (25-100%)
Soil temperature reading	F/C at	(desth)	Metamoronic state/pnytlite schist/gneiss other metamoroni	details?	e
			Drainage & moistur	re regame (see MAPPSS key):	Hydrologic regime:
			very poorty drain	ned	upland
			poorty drained		nomical wetland:
			somewhat poor	•	sensoemily flooded seasonally flooded saturated
			moderately well	CIAMED DEFINE	tidal - irregularly
				issively drained	ticial - regularly saltwater
			excessively dra	•	braccosh freshwater
					unknown

ATURAL COMMUNITY SURVEY PART I: RECONNAISSANCE BENTIFIERS / LOCATION

Maine Natural Areas Program

\$514 HELD TO CHILDRE		
survey area: Housatonic River, East Branch	T200 South	Date: 13 November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Schonword (Biophysical Region:)	USGS 7.5 Quad: Pitts field East 1:25,000 7.5 X 15.0 Minote	·
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):
	See Map	

VEGETATION / HABITAT

Observation Point 1 T2005	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successional	Continunity type:	Community type:
Soit:	Sait	Soil:
Siape, aspect topography 29° 318° May, gentry skepted bank	Slope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant sop. for each	STRATA": cover & 1-2 dominant sco. for each
Tree layer: Total over (%): 50 Tilia one i roma fraxique ome i rana	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer: Total cover (%) 20 Action he goods Vitis riports	Sapling / tall shrub layer: Total cover (%)	Sapling / tall shrub layer. Total cover (%)
Shrub (1-2 m) layer: Total cover (%) 31 Corvus serines Lobiness mossemil Arennepudo	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) 40 Agrocias Stolonifera Phalois avoyabilacea struthiopicis Maineuccia struthiopicis	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Condition / evidence of human use: Transmission lines visable	Condition / evidence of human use:	Condition / evidence of human use:
Additional data collected / COMMENTS plots (sca)? 50 x 40 Feet tree cares? 465 photos? 465	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cares? photos?

initiats:	p	of	
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IATURAL COMMUNITY SURVEY PART II: DESCRIPTION

-> complete separate description forms for each notable natural community on reconnaissance page.

DENTIFIERS	/ LOCATION
------------	------------

DENTIFIERS / LO	NTIFIERS / LOCATION					
Area (specific/general)	: Houselouic	River, East			Obs. Pt # T200 Scuth	
community type: Floodplain / Early Successional folest			i forest			
aud pittsfield	East (Lat.)	Size (acres	, -	BE SURE TO MAP EXTENTOPO. Distinguish between	OF COMMUNITY ON	
(Quadcode:)	. (Long:)	(not site):		vs. portions presumed to be solely on photo/map interpre	part of community based	
LASSIFICATION	HIERARCHY				The state of the s	

Physiognomy forest) woodland strubland dwarf strub herbacsous sparse vasc	Phenology (Subclass) evergreen woody deciduous woody mixed woody perennial annual	Leaf type (Group) broad-leaf woody needle-leaf woody graminoid forb ptendophyte non-vascular	. 7
(ALLIANCE)			

ADDITIONAL DATA FOR FORESTS

Tree canopy height 66 feet	Core data: ring counts (~ 5 cores) of larger trees (give sp. & dbh) Praxinus	Deadwood (describe distribution, abundance, degree of decay): Limbs from Campy trees	:
supercancpy trees?	30 includou 2 Tilia 17 inch dbh		

HISTORY (describe evidence or lack thereof; please do not leave boxes blank, Indicate approximately how recent where possible.)

Fire:	Wind:	Cutting:	Agriculture:	Impoundment
No	NG	~c	1 40	10
<u> </u>				
comment Bequer h	ias been agree in o	હા€વ		

ADDITIONAL SPECIES LIST

List additional plant species in community not Sagina procumbens Euonymus clatus Lolium arundinacium Lythrum salacaria Solidago flexicaulis Piliaria petiolata	included in the plot data that follows. Lygustrum Vulgare Lygustrum amurense Lonicera morrowing Geum canadense Symphiotrichum lateriflorum Hesperis matronalis	Species list sketchy or basically complete? Comment If elich rely complete.
--	---	--

	ver, East Branch			Obs. pt #: 7200 S		
Community type: Floodplain / Early Success rough forest (Regional alliance/community:)						
LAYER	piot # 12005					
TREE list species and dbh for all trees >= 5 cm dbh; count standing dead as 1 species. note units:	Fraxinus americanus 30" Tilia americana 14", 17" 7" 6", 5", 10"					
QUAD SIZE: 50×40′ none which size used 5.64 m radius for 1/100th ha 7.98 m radius for 2/100th ha	9, 95 Acer saccharum					
use same size throughout						
SAPLING / TALL SHRUB cover class by species of: trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall	Vitis riparia (3) there neg. (1)			?		
QUAD SIZE: 2.3 m radius or 25 m²						
SHRUB cover class by species of shrubs/trees 1 - 2 m tall.	Acer negundo (3) Comus sericea (3)					
QUAD SIZE: 2.3 m radius or 25 m²						
HERS cover class by species for all herbactions plants plus any woodies < 1 m tall	Agrostis stobnilera (37) Phalarus anun. (19) Solanum dulcamera (1)	Onoclea sens. Calystegia s				
QUAD SIZE: 1 m², 2-4 herb quads per tree plot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!	Bidens cf. Vulgata (1) Solidago gigantea (3) Metteuccia Struth. (9) Boehmeria cylindrica (1) Persicaria pensylvanica Brassica nigra	(1) (4)				
BRYOID ground-layer mosses, liverwort, lichens in herb quads. resolution (check one):moss*/liverwort/flichen* only;		•		·		
identified to major group;identified to species.						
REMARKS			-			
ocx on previous page, list t	l DIANT SOD, present in the	community but no	t in the sample plots so we	nave a complete species II		

* cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

. . . .

TOPOGRAPHY / SOILS Housatoux River, East Branch Obs. pt #: T200 S Floodplain/Early successional forest (Regional alliance/community:) Community type: Sione: flat to 29° Microtopography: flat upland forest, gently slepted bonk to Aspect 318° **Elevation**: Silt bar at viver edge 294 meters magnetic or true? measured or estimated? Habitat patchiness (describe zones or patches if Topographic position: pΗ present): uyifoim along river P low plain, level TB hillside C crest T toe of slope terrace/bench M high plateau (note kit or meter LS lower stope US upper slope N narrow valley MS middle slope E diff/ledge (ype) D drainage channel Surficial decesit Mineral Soil Profile: Surface: Average Texture: % Bedrock bedrock gravel horizon depth (cm) color mettling other taius sicpe _% Boulders (>50 cm) sand 0 learny sand / sandy _% Cabbles/Gravel gtacial till Α lçam 20 % Bare mineral soil moraine lcam E _% Organic soil esker/cutwash silt learn 3 30 % Litter (note type) glacial delta ctay loams 50 % Water lacustrine/fluvial C sandy day / day ___% Total vegetation marine peat Organic Soil Profile: aeclian __ Other: muck peat depth: ____cm OR > 1 m___ other. venPest decomposition:___ Sail staniness: Bedrock type: Igneous Sedimentary ALL SOILS: v. little (< 1%) granite limestone dicritic other sedimentary DEPTH TO WATER TABLE:____ moderate (2-25%) cabbroic other igneous DEPTH to OBSTRUCTION:___ very (25-100%) details? Metamorphic Soil temperature reading ______ F/C at _____ state/phyllite schist/gneiss other metamorphic Hyaralogic regime: Drainage & moisture regime (see MAPPSS key): upland very poorty drained nontidal wettand: poorty drained permanently flooded semiperm'ly flooded exposed Fiver somewhat poorly drained seasonally flooded Silt saturated moderately well drained

well drained

excessively drained

somewhat excessively drained

tidal - irregulany

tidal - regularly

saltwater brackish freshwater

unknown

survey area: Housetonic River, East Branch	T211 Satu	Date: 13 November 1998
(Site name:)	(Quadcode:)	Airphoto (#, scale, date):
Surveyors: Arthur Haines John Lortie Bob Roy Schonword (Biophysical Region:)	USGS 7.5 Quade Pitts field East 1:25,000 7.5 X 15.0 Minute	
Mark all observation points on a copy of the topo. Add any comments or sketches here if necessary to clarify the topo.	Directions (if not obvious from topo o	or Maine Atlas):
	See Map	

VEGETATION / HABITAT

Observation Point 1 T 2 11 S	Observation Point 2	Observation Point 3
Community type: Floodplain/Early successionel	Carrimunity type:	Community type:
Soit [forest]	Soit	Soil:
Siope, aspect topography mederatery stoped 30°, 316°M, flat floodphin with bank	Slope, aspect, topography:	Sicpe, aspect, topography:
STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant spp. for each	STRATA: cover & 1-2 dominant soo, for each
Tree layer. Total cover (%): 65 Acer urgundo Tilia americana	Tree layer: Total cover (%):	Tree layer: Total cover (%):
Sapling / tall shrub layer. Total cover (%) 30 Vitis viparia Acer Negulado	Sapling / tall shrub tayer. Total cover (%)	Sapling / tall shrub layer: Total cover (%)
Shrub (1-2 m) layer. Total cover (%) 30 Sol; dago altissing Louiceia Morrowik	Shrub (1-2 m) layer: Total cover (%)	Shrub (1-2 m) layer: Total cover (%)
Herb layer. Total cover (%) 60. Pour nemoralis 2:zea aurea Phalais arundinarea	Herb layer: Total cover (%)	Herb layer: Total cover (%)
Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)	Bryoid layer: Total cover (%)
Other diagnostic or notable species:	Other diagnostic or notable species:	Other diagnostic or notable species:
Road, apen area, transmission Line out through community,	Condition / evidence of human use:	Candition / evidence of human use:
Additional data collected / COMMENTS plots (size)? yes, 50 x y 0 feet tree cores? yes photos? yes	Additional data collected / COMMENTS plots (size)? tree cores? photos?	Additional data collected / COMMENTS plots (size)? tree cares? photos?

initiats:	a.	af	

IATURAL'COMMUNITY SURVEY PART II: DESCRIPTION

> complete separate description forms for each notable natural community on reconnaissance page.

JENTIFIERS / LOCAT	NOT				
Area (specific/general):	Houselouic River	, East Brauch		Obs.	PL# TZII Scuth
Constructivy type: Floo	dplain / Early Si	uccessional folest	Adjacent communities		
Quad pittslield East	(Lat:)	Size (acres) of community EO			COMMUNITY ON ions ground-truthed
(Quadcodet) .	(Lang:)	(not site);	vs. portions prest	umed to be part	of community based n, where applicable.
LASSIFICATION HIE	RARCHY				
Physiognomy (Class) forest woodland snrubland dwarf shrubland hercaceous sparse vascular/nonvascu		nenology (Subclass) evergreen woody deciduous woody mixed woody perennial annual	1 .	Leaf type (Group) broad-leaf woody needle-leaf woody graminoid forb pteridophyte non-vascular	
(ALLIANCE:)					
DDITIONAL DATA FO	OR FORESTS				
supercancpy trees?	data: counts (-5 cores) of larger (give sp. & dbh) cerinequido neu albh, 33 ybp lia americana uch abh, 61 ybp	Deadwood (describe dis decay): UPIY 1:1+14 dec	tribution, abundance, o	- 1	,
ISTORY (describe eviden	ce or lack thereof; please	do not leave boxes blank. I	ndicate approximately I	how recent where po	essible.)
Fire:	Wind;	Cutting:	Agricultur	re:	Impoundment
<i>N</i> 0 - · -	NO	No		No	NO
comment open are	a and road for	waste water faci	Tity.		
ADDITIONAL SPECIES	SLIST				
	s in community not include SSIUS Glechor Quercus alis Fragar	na hederacea rubra ia Virginiana um arvense	vs.	Comment	curvey effort

inez: Housetonic Riv	ver, East Brauch			Obs. pt. #: 721	1 South
Community type: Floodpla	in / Early Succession	ough forest	(Regional alliance/community		
LAYER .	plot # T211 south				
QUAD SIZE 50X40 feet	Aces negundo 5, 5, 8, 6, 8" Tilia americana 14, 16" Stand dead 5"				
7.98 m radius for 2/100th ha use same size throughout!	,				
SAPLING / TALL SHRUB cover class by species of trees > 2 m tall but < 5 cm dbh; and shrubs > 2 m tall QUAD SIZE: 2.8 m radius or 25 m²	Vitis riparia (19) Rhammus cath.			-	. 9
SHRUB cover class by species of shrubs/trees 1 - 2 m tail. QUAD SIZE: 2.8 m radius or 25 m²	Lonicera morrovii (9) Vitis riparia (3) Ligustrum amerense (1) Solidego allissima (1)		·		
HERS cover class by species for all hemaceous plants pius any woodies < 1 m tall QUAD SIZE: 1 m², 2-4 herb quads per tree piot. Enter individual values in left-hand column and average in right-hand column. Remember the zeros for spp present in some but not all herb quads when figuring averages!	Poa nemeralis (19) Rubus idaeus (1) Phalaris arun. (9) Mettueccia struth. (19) Lysimachia numular a (1) Zizia area (3) Rudbeckia laciniata (3) Solidago rugosa (1) Satidago altasima (1) Galium molugo (1)	V	(1) rdosa(1)		
BRYOID ground-layer mosses, liverwort, lictions in herb quads. resolution (check one):moss*/"liverwort"/"liction" only;identified to major group;identified to genus;identified to species.	Esseutially obsent	•			
REMARKS			f in the sample picts so w		

in box on previous pade, list plant sop, present in the community out not in the sample plots so we have a complete species list.

- Allerina - of

^{*} cover classes (record midpoint): < 2 1 2-5% 3 6-12% 9 13-24% 19 25-49% 37 50-74% 63 75-100% 87

TOPOGRAPHY / SOILS Obs. pt. #: T211 S Housatonic River, East Branch Floodplain/Early successional Forest (Regional alliance/community:) Community type: Microtopography: Slope: Figt to 30° at bank Aspect 310 relatively even ground in forest with moderately sloped bank into river **Elevation**: to river 294 meters measured or estimated? magnetits or true? Habitat patchiness (describe zones or patches if position; Topographic pН Patchy due to road and apening P low plain, level TB hillside C crest T toe of slope terrace/bench M high plateau for sewage system LS lower slope US upper slope (note kit or meter N narrow valley MS middle slope E cliff/ledge type) D drainage channel Surficial deposit Surface: Average Texture: Mineral Soil Profile: __% Bedrock gravel bedrock horizon depth (cm) color mattina other _% Boulders (>50 cm) taius sicpe sand 0 % Cabbles/Gravel loamy sand / sandy glacial till Α icam 5 % Bare mineral scil moraine lcam Ε _% Organic soil esker/outwash silt learn 50 % Litter (note type) d 3 ciaciai delta clay learns 45_% Water lacustrine/fluvial sandy day / day ____% Total vegetation marine pear Organic Soil Profile: _ Other. aeolian muck pest depth: _____cm OR > 1 m___ other. venPest decomposition:___ Soil stoniness: Bedrock type: Igneous Sedimentary ALL SOILS: v. little (< 1%) granite limestone dicritic other sedimentary DEPTH TO WATER TABLE:___ moderate (2-25%) gabbroic other igneous DEPTH to OBSTRUCTION:___ very (25-100%) details? Metamorphic Soil temperature reading ______ F/C at _____ (depth) state/phyllite schist/gneiss other metamorphic Hydralogic regime: Drainage & moisture regime (see MAPPSS key): (Dustan very poorty drained nontidal wettand: poorty drained permanently flooded semiperm'ly flooded somewhat poorly drained seasonally flooded saturated moderately well drained

well drained

excessively drained

somewhat excessively drained

tidal - irregularly

tidal - regularly saltwater

brackish freshwater

unknown